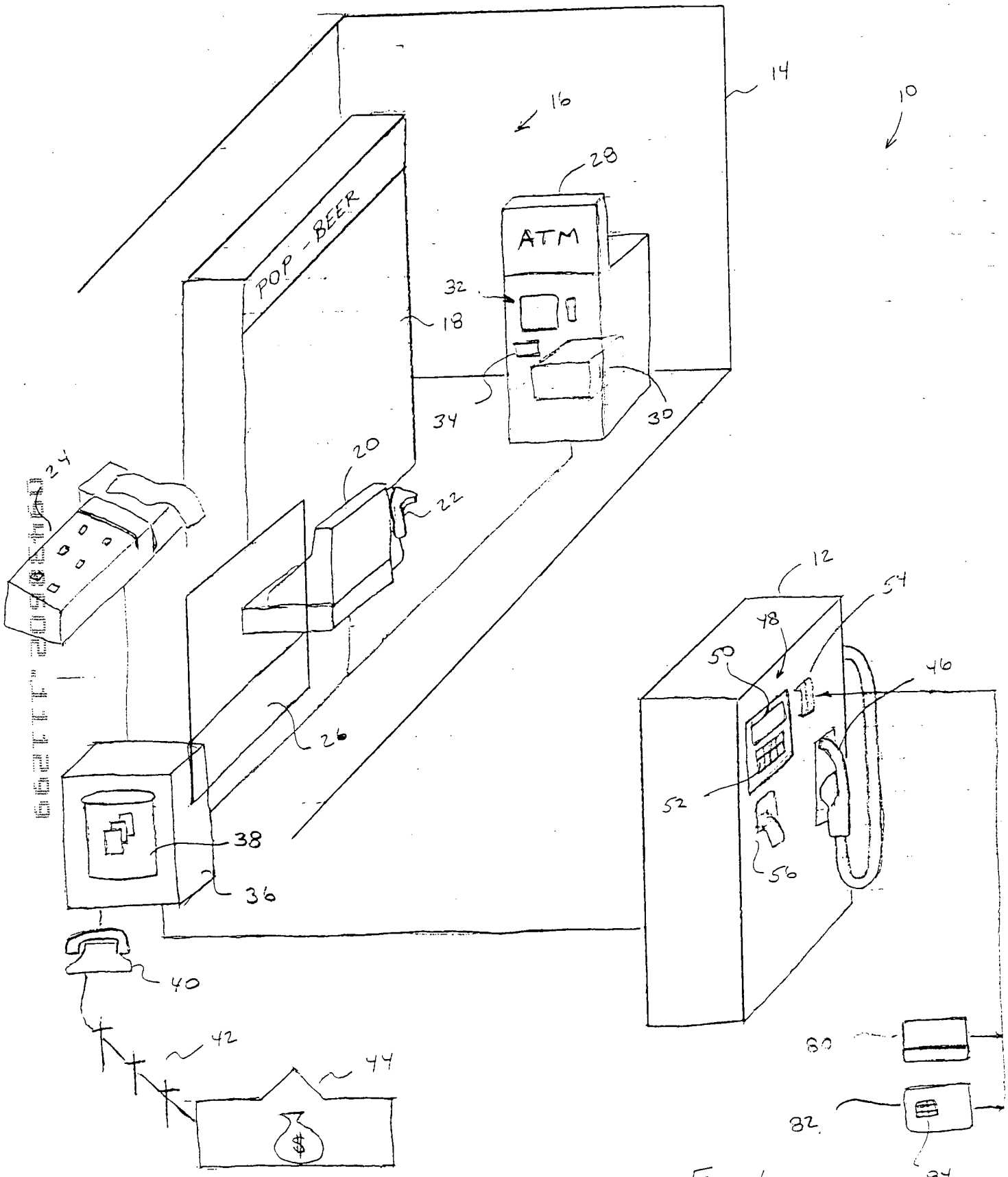

14
16
10
28
ATM
POP - BEER
32
18
34
30
24
20
22
26
12
54
48
50
46
52
56
38
36
40
42
44
80
82
84

FIG 1

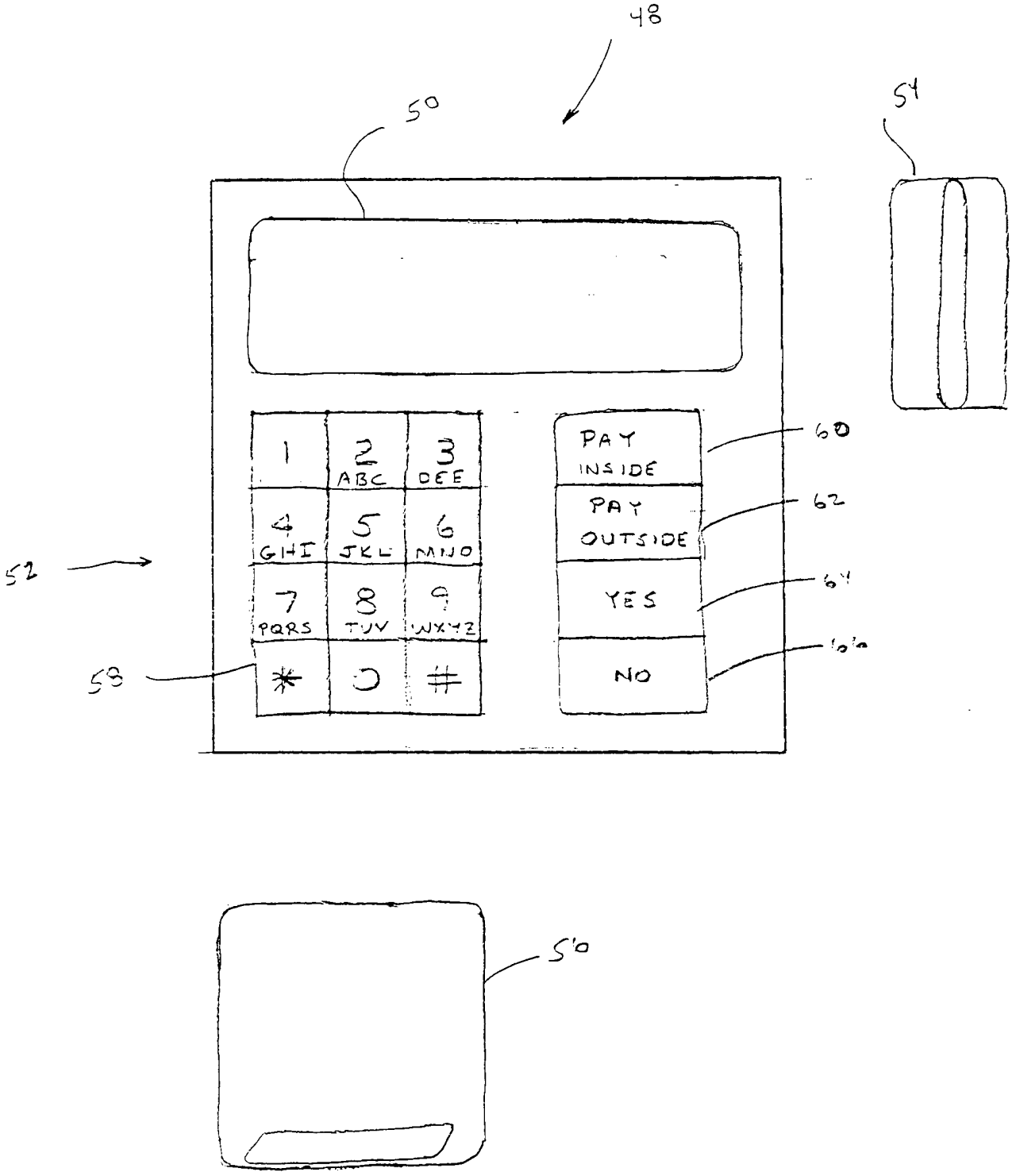

48
50
54
1
2 ABC
3 DEE
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0
#
PAY INSIDE
PAY OUTSIDE
YES
NO
60
62
64
66
52
58
50'

FIG 2

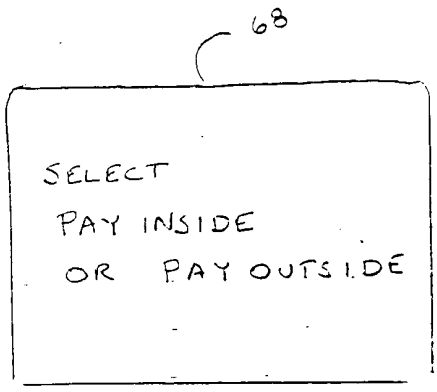


FIG 3

ACTION
- SELECT "PAY INSIDE"

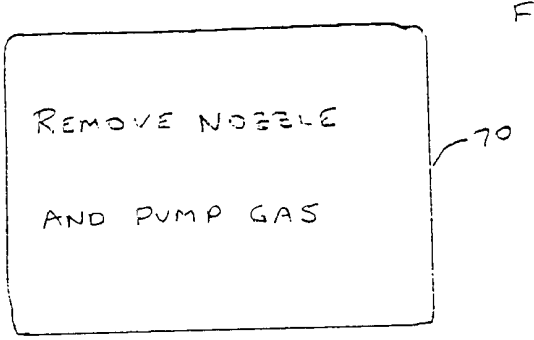


FIG 4

ACTION
- REMOVE NOZZLE AND PUMP

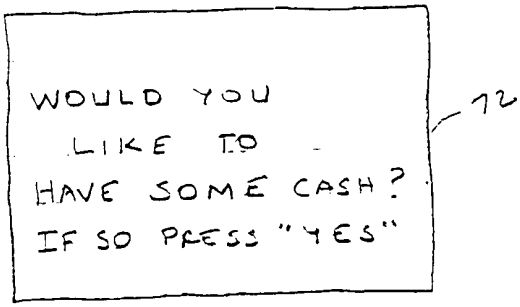


FIG 5

ACTION
- NO RESPONSE
- REPLACE NOZZEL

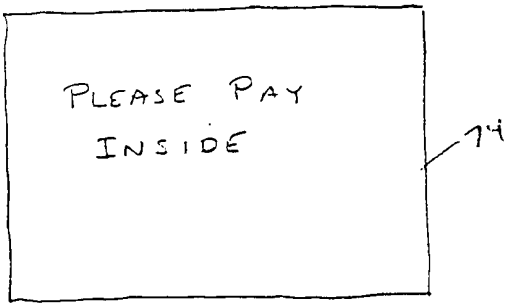
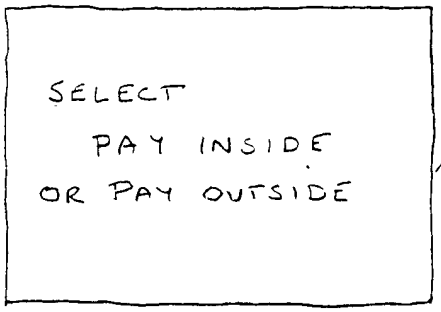


FIG 6

ACTION
- USER PAYS INSIDE

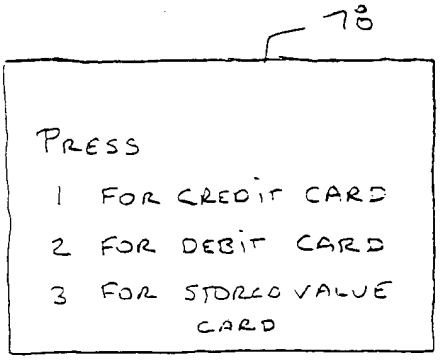
Document ID: US 6,868,391 B1

FIG 7



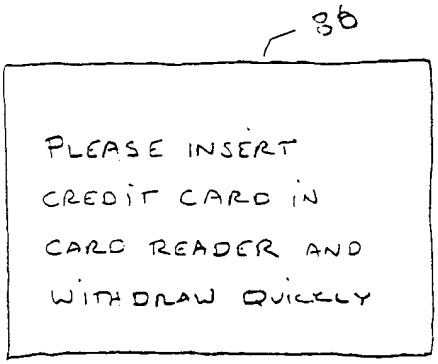
ACTION
- USER SELECTS "PAY OUTSIDE"

FIG 8



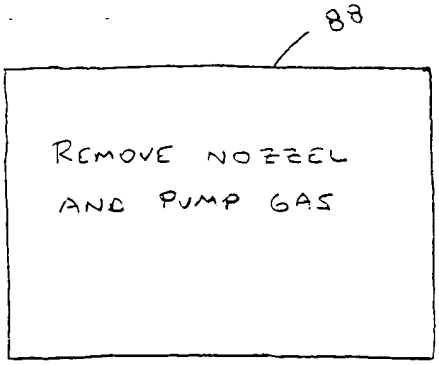
ACTION
- USER SELECTS INPUT FOR EXAMPLE "1" FOR CREDIT CARD

FIG 9



ACTION
- USER INSERTS CARD AND WITHDRAWS CARD

FIG 10



ACTION
- REMOVE NOZZEL AND PUMP

98

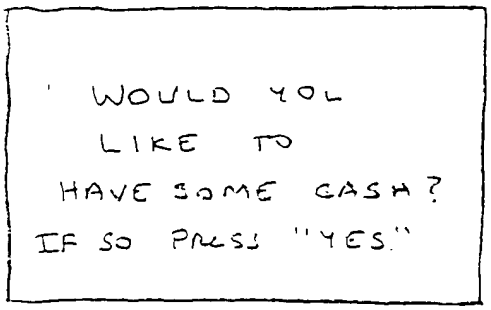


FIG 11

ACTION
- NO RESPONSE
- REPLACE NOZZLE

100

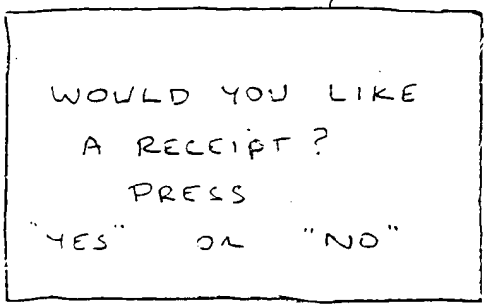


FIG 12

ACTION
- USER PRESSES SELECTED KEY
EXAMPLE "YES"

102

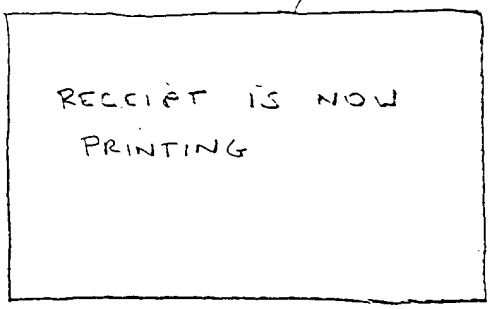


FIG 13

ACTION
- PRINTER PRINTS RECEIPT

104

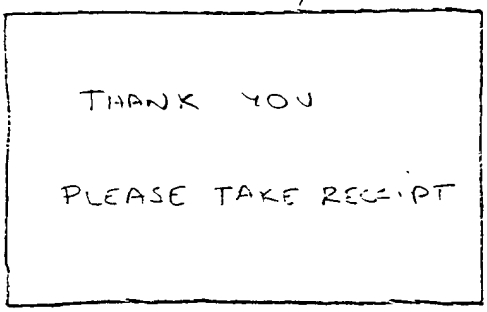


FIG 14

ACTION
- USER TAKES RECEIPT

Document 1 of 1

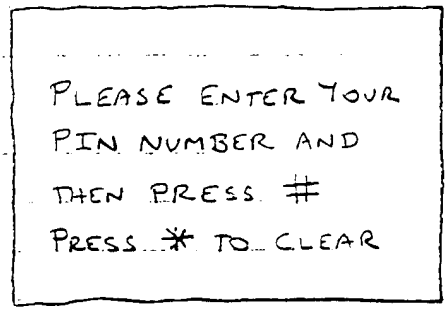


FIG 15

ACTION
- USER INPUTS PIN AND THEN #

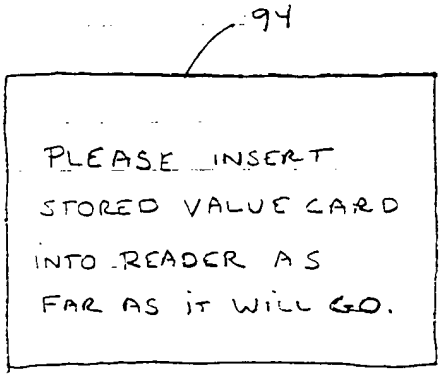


FIG 16

ACTION
- USER INSERTS STORED VALUE CARD

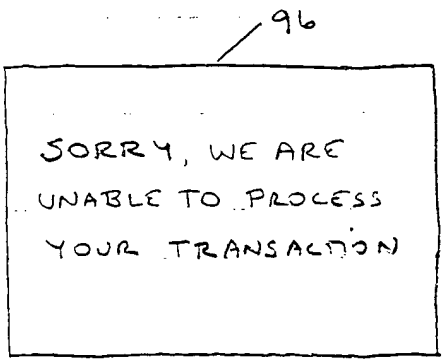


FIG 17

ACTION
- MACHINE RETURNS TO FIRST SCREEN AFTER TIME OUT.

Docket 10030/4

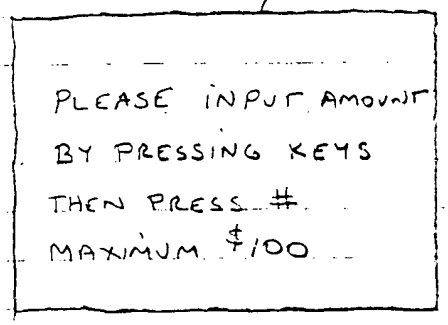


FIG 18

ACTION
- USER INPUTS AMOUNT
  AND #
  EXAMPLE $100 INPUT

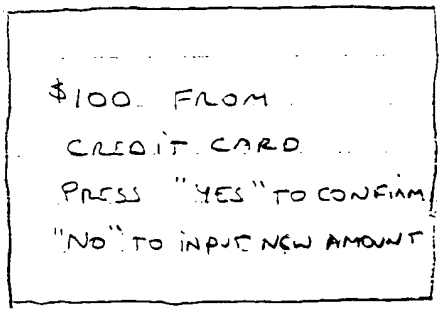
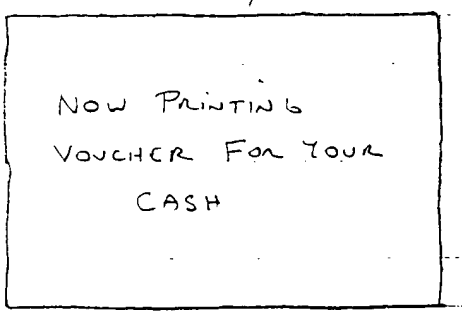


FIG 19

ACTION
- CUSTOMER PRESSES
  APPROPRIATE BUTTON

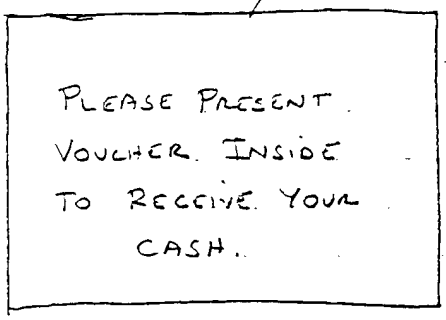
  EXAMPLE "YES"

FIG 20



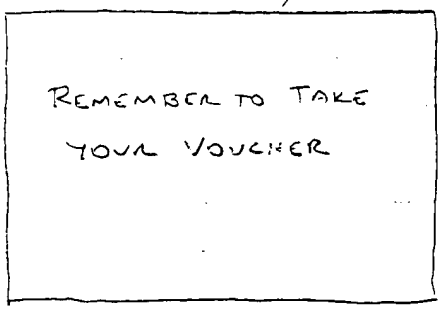
ACTION
- PRINTER PRINTS VOUCHER

FIG 21



ACTION
- USER TAKES VOUCHER TO CASH REGISTER / CASH DISPENSER ON WINDOW AND RECEIVES CASH

FIG 22

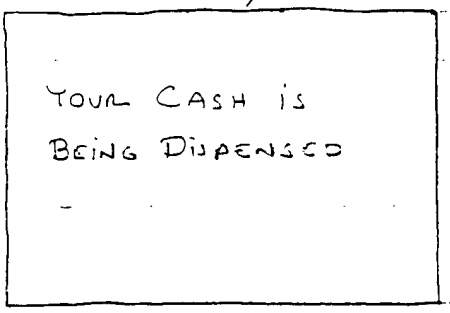


ACTION
- USER TAKES VOUCHER

Docket: 20030.0

188

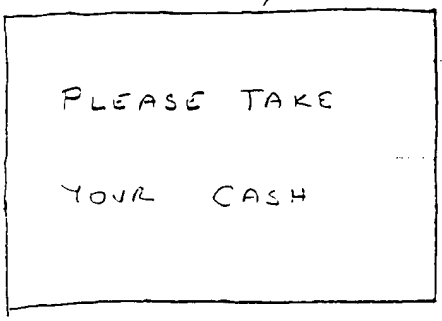
FIG 23



ACTION
- MACHINE DISPENSES CASH

190

FIG. 24



ACTION
- USER TAKES CASH

Document: 0001 Page: 0000 of 0000

Document: 10058460

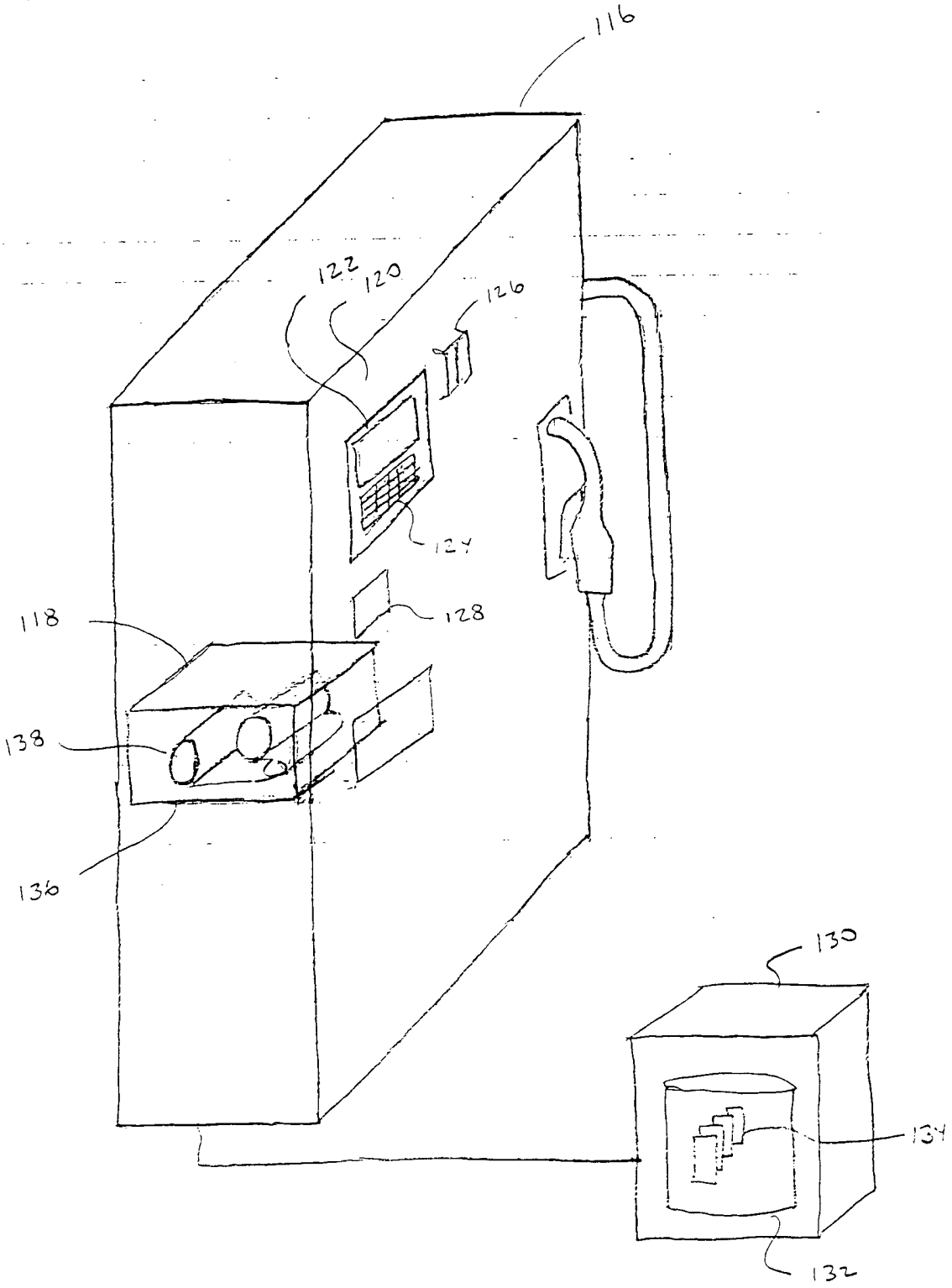
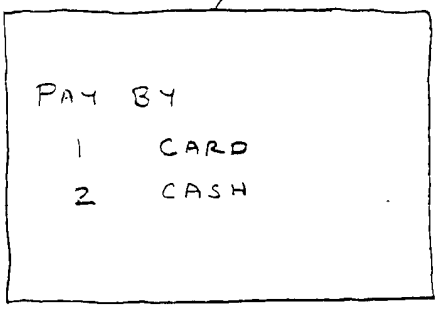


FIG 25

FIG 26

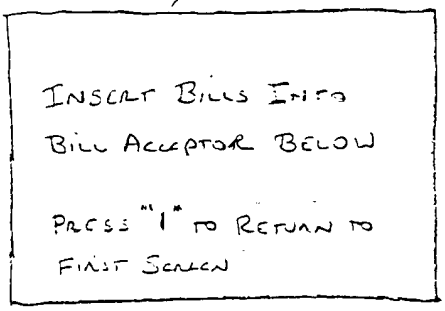
192



ACTION
- USER SELECTS CASH OR CARD
EXAMPLE CASH

FIG 27

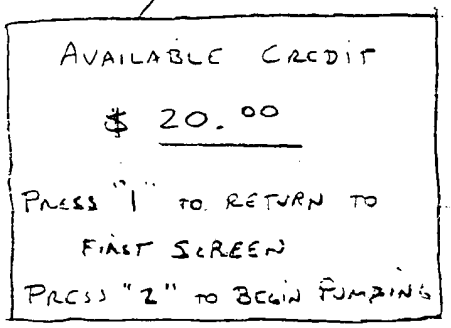
194



ACTION
- USER INSERTS NOTES INTO NOTE ACCEPTOR OR RETURNS TO BEGINNING
EXAMPLE - NOTE INPUT

FIG 28

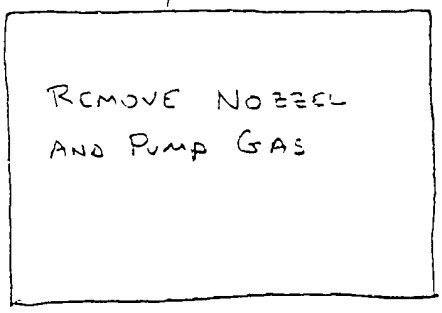
196



ACTION
- USER INSERTS MORE NOTES OR PRESSES OTHER OPTIONS
EXAMPLE - USER PRESSES "2"

FIG 29

198



ACTION
- USER REMOVES NOZZEL AND PUMPS
- PUMP STOPS WHEN AVAILABLE CREDIT IS REACHED OR CUSTOMER SHUT OFF

200

YOUR AVAILABLE CREDIT IS GREATER THAN YOUR CHARGE A CASH VOUCHER FOR THE DIFFERENCE IS PRINTING

FIG 30

ACTION
- MACHINE PRINTS VOUCHER FOR DIFFERENCE

202

PLEASE PRESENT VOUCHER INSIDE TO RECEIVE YOUR CASH

FIG 31

Document ID: US 6,644,545 B2

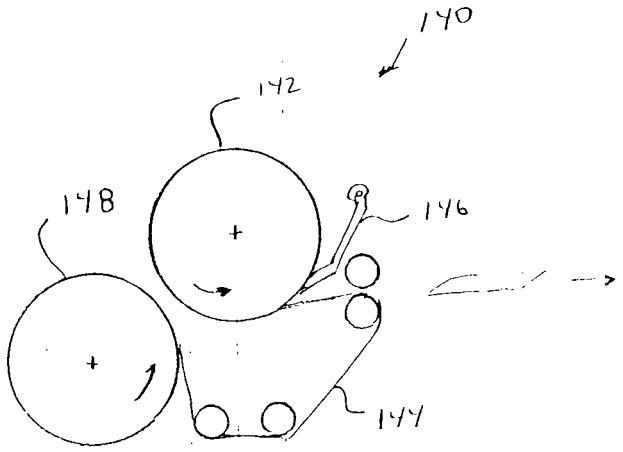


FIG 32

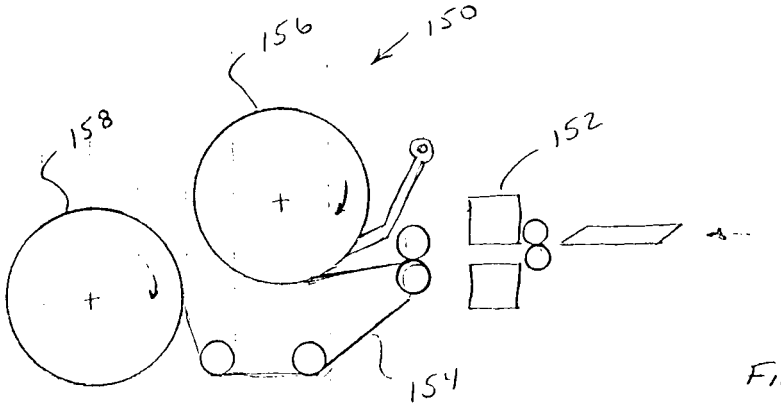


FIG 33

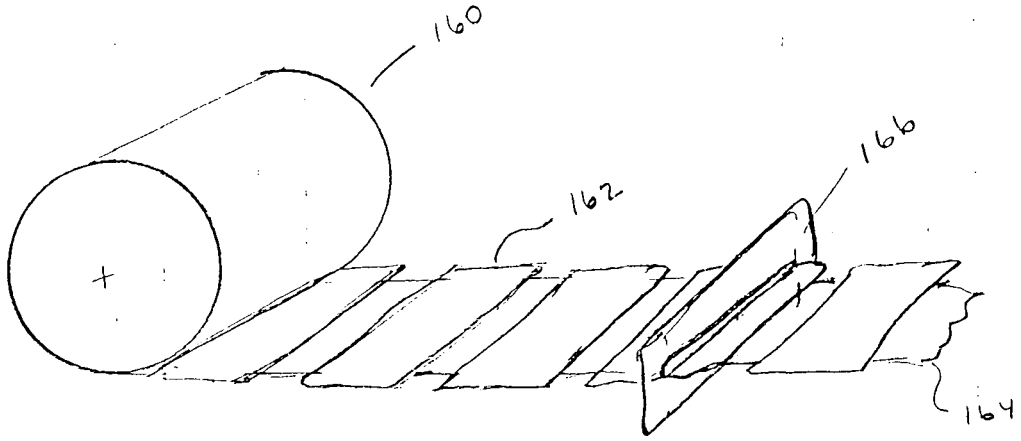


Fig 34

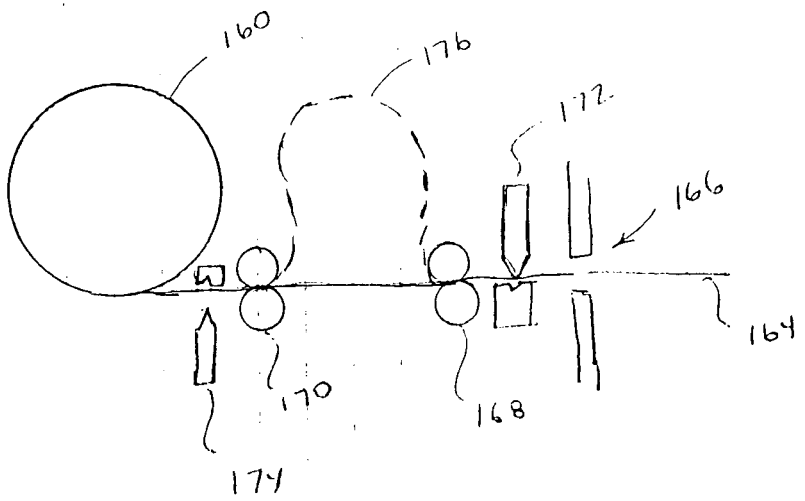
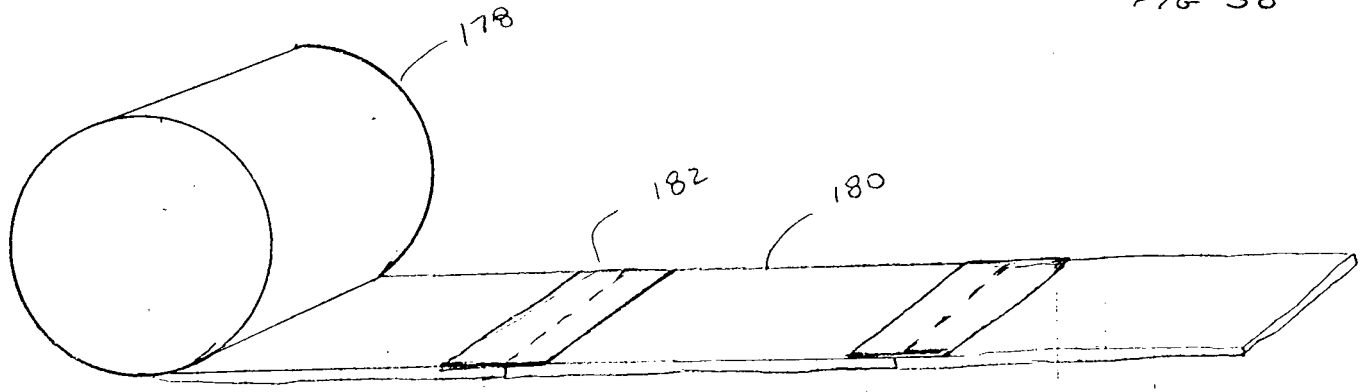


Fig 35

6621TT" 2098Ethb0

Fig 36



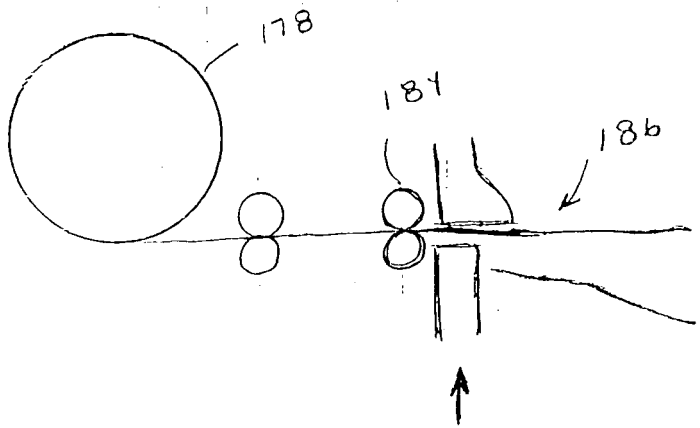


Fig 37

6621TT" 2098Cn60

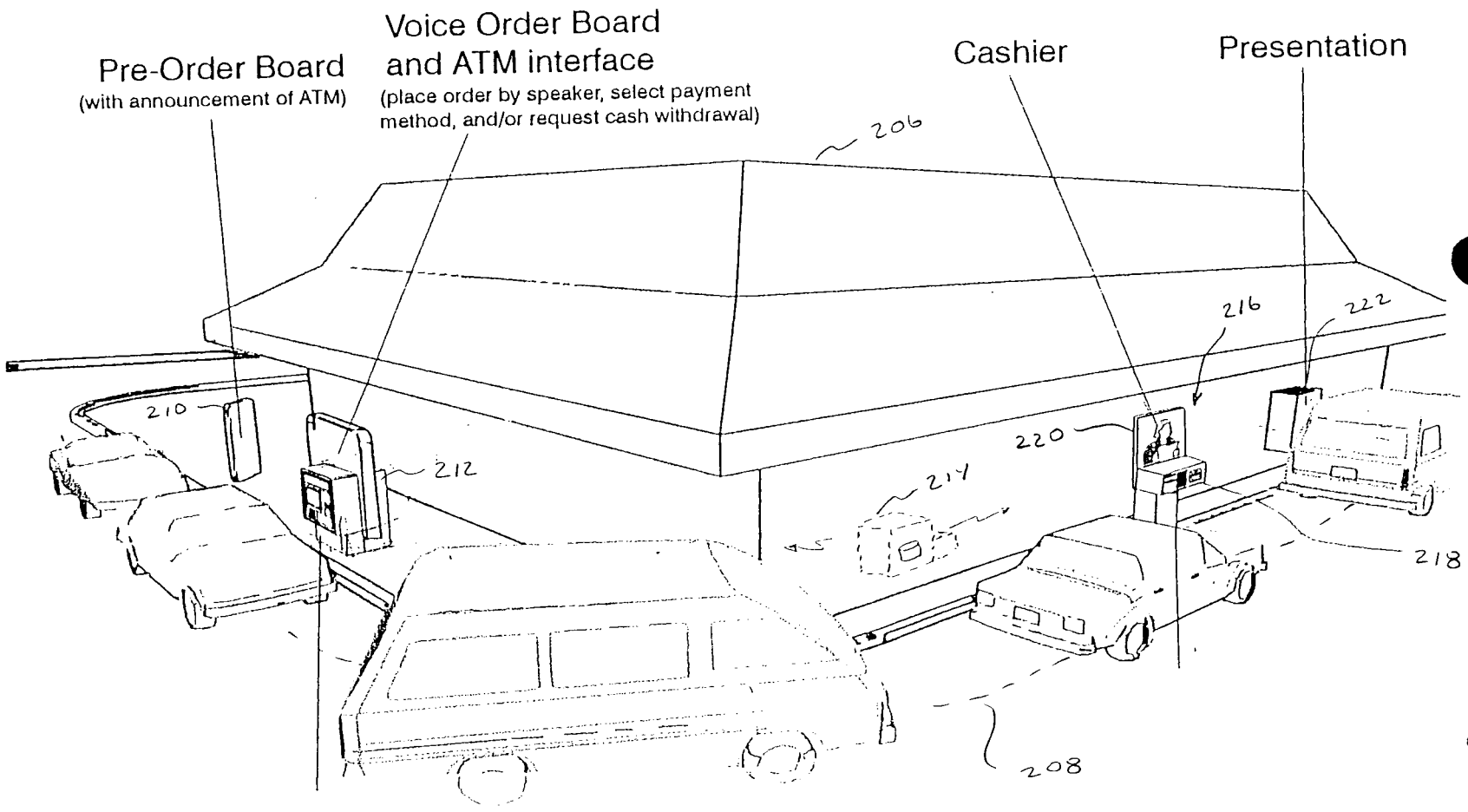
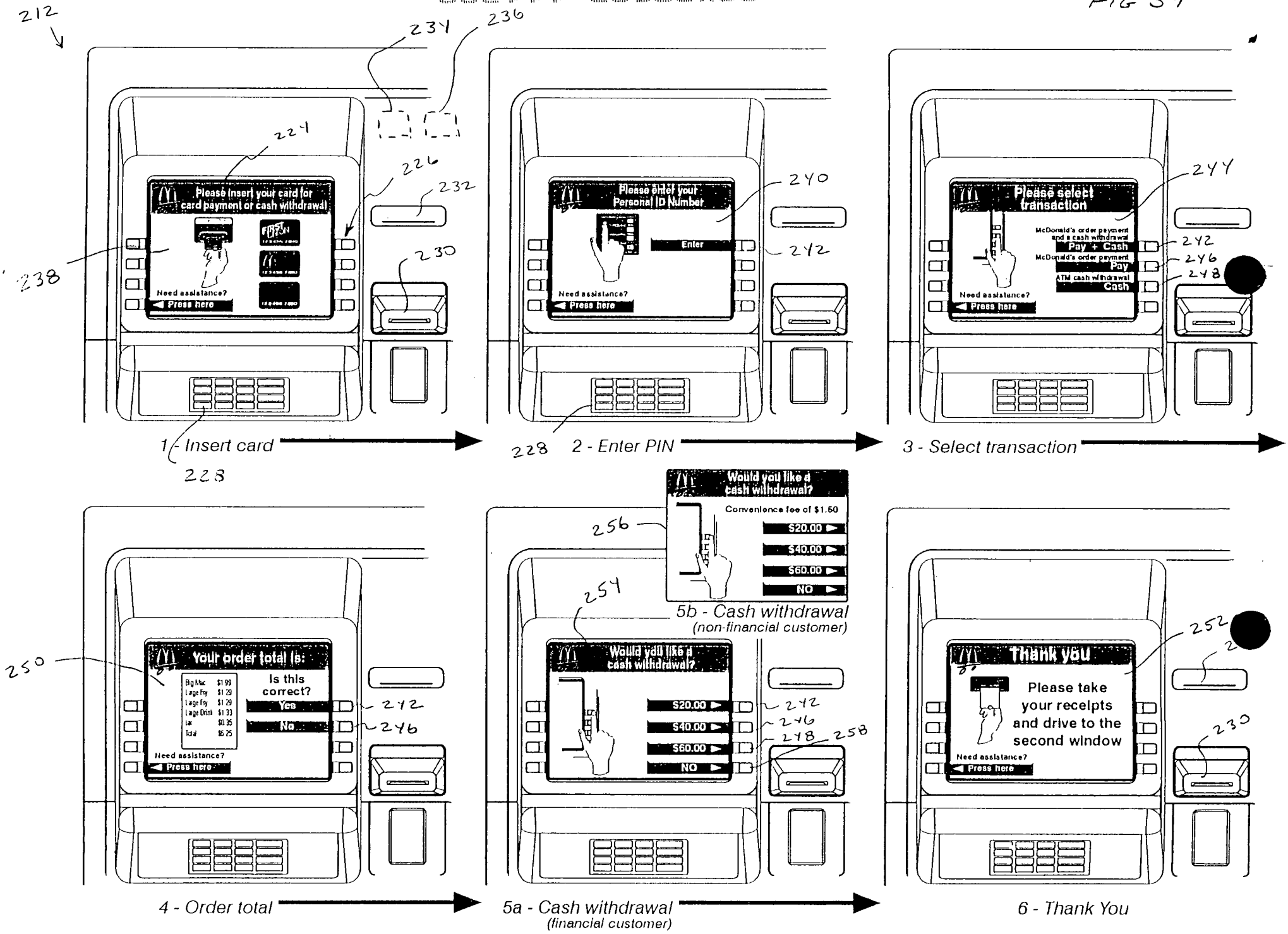


FIG 3B

Fig 39


212
234
236
224
226
232
238
230
Please insert your card for card payment or cash withdrawal
Need assistance?
Press here
1 - Insert card
228
240
Please enter your Personal ID Number
Enter
242
228
2 - Enter PIN
244
Please select transaction
McDonald's order payment and a cash withdrawal
Pay + Cash
McDonald's order payment
Pay
ATM cash withdrawal
Cash
242
246
248
3 - Select transaction
250
Your order total is:
Big Mac $1.99
Large Fry $1.29
Large Fry $1.29
Large Drink $1.33
Tax $0.35
Total $6.25
Is this correct?
Yes
No
242
246
4 - Order total
256
Would you like a cash withdrawal?
Convenience fee of $1.50
$20.00
$40.00
$60.00
NO
5b - Cash withdrawal
(non-financial customer)
254
Would you like a cash withdrawal?
$20.00
$40.00
$60.00
NO
242
246
248
258
5a - Cash withdrawal
(financial customer)
252
Thank you
Please take your receipts and drive to the second window
Need assistance?
Press here
230
6 - Thank You

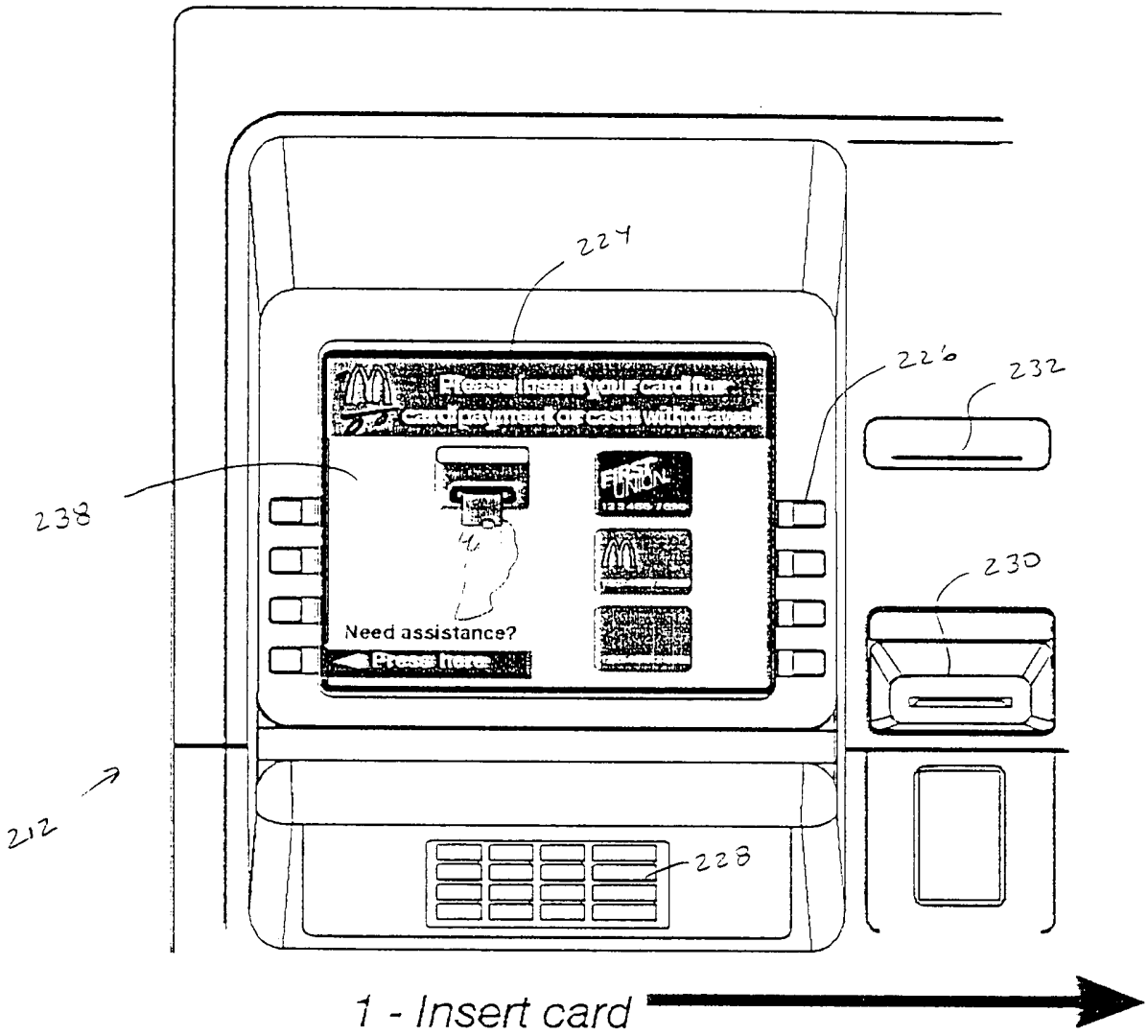

224
226
232
238
230
Please insert your card for
Card payment or cash withdrawal
FIRST UNION
Need assistance?
Press here
212
228
1 - Insert card

FIG 40

09451705 "20060420"

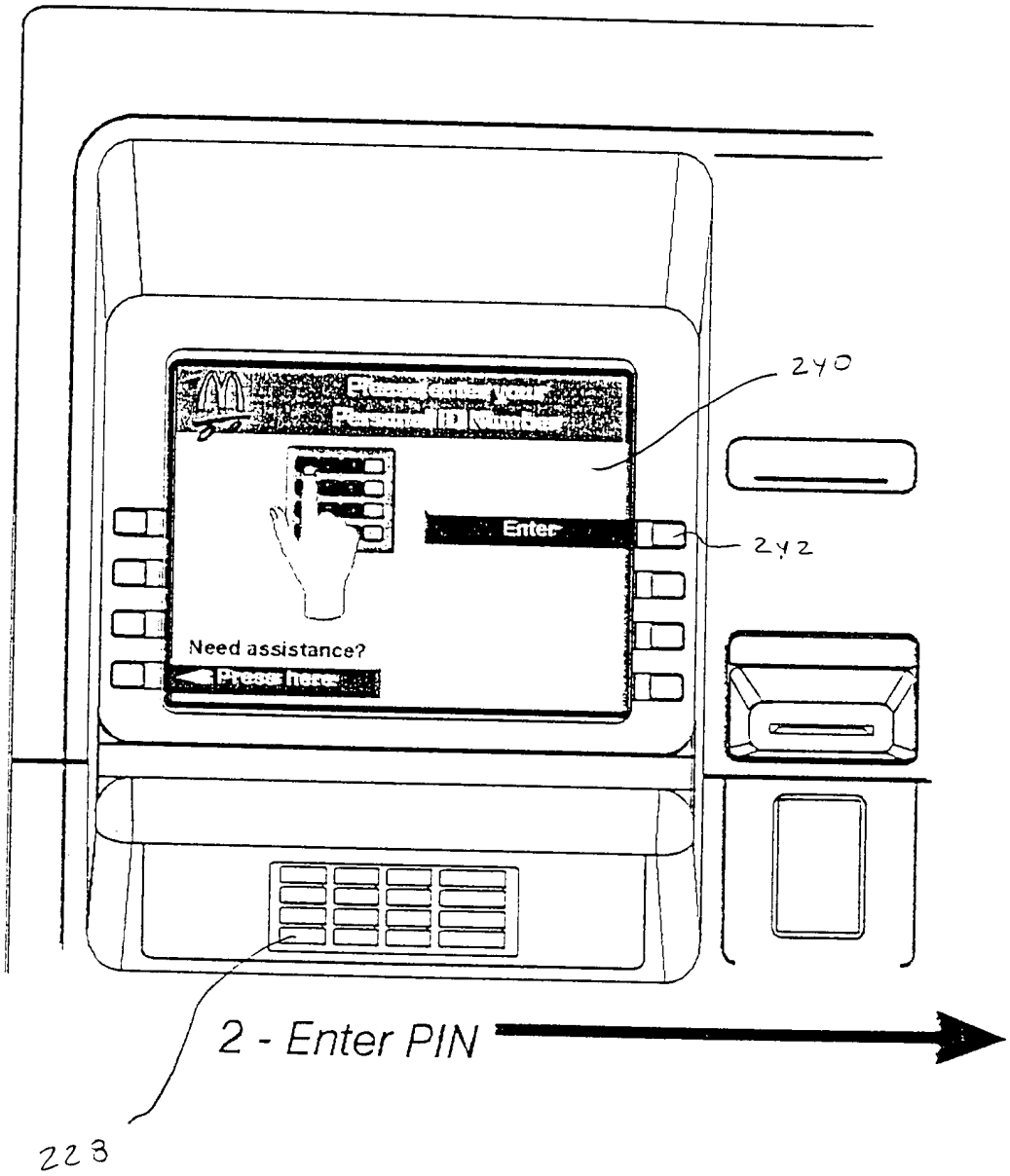
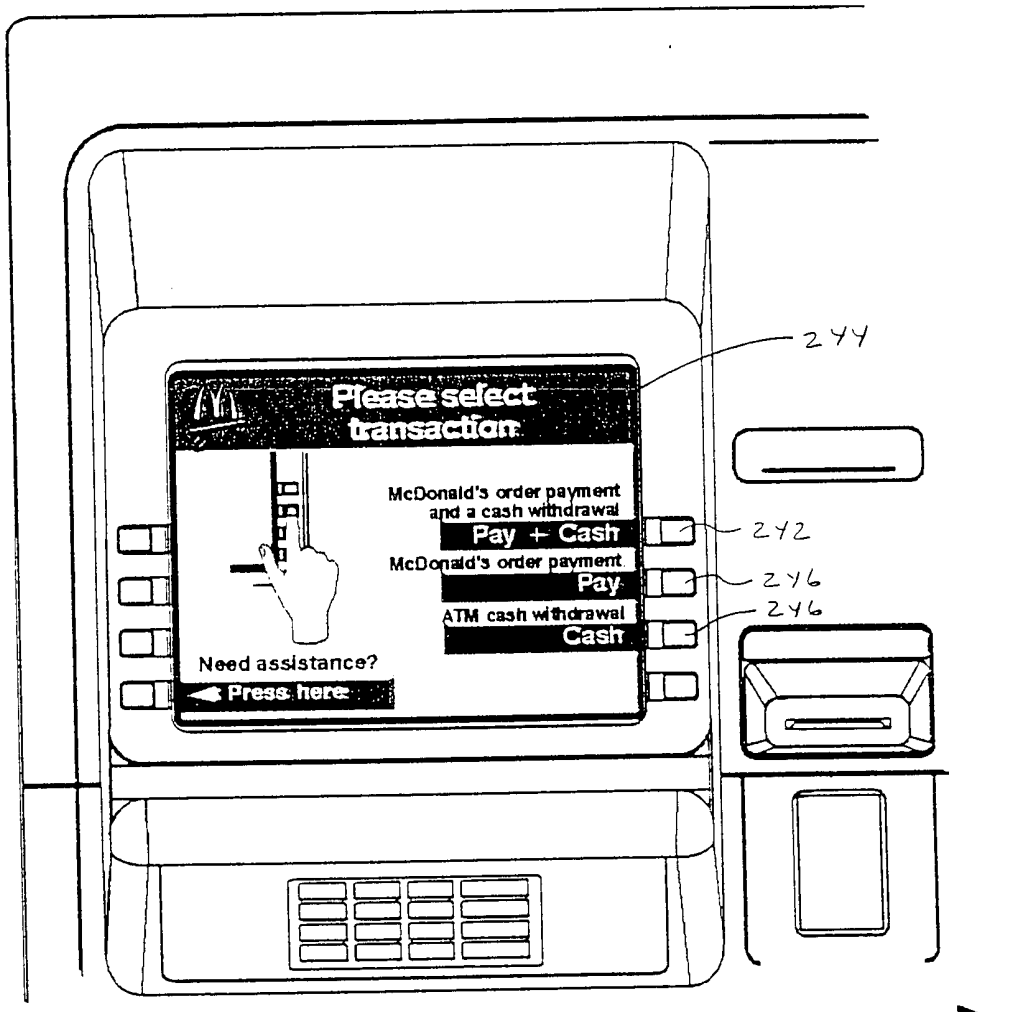


FIG 41



3 - Select transaction

212

FIG 42

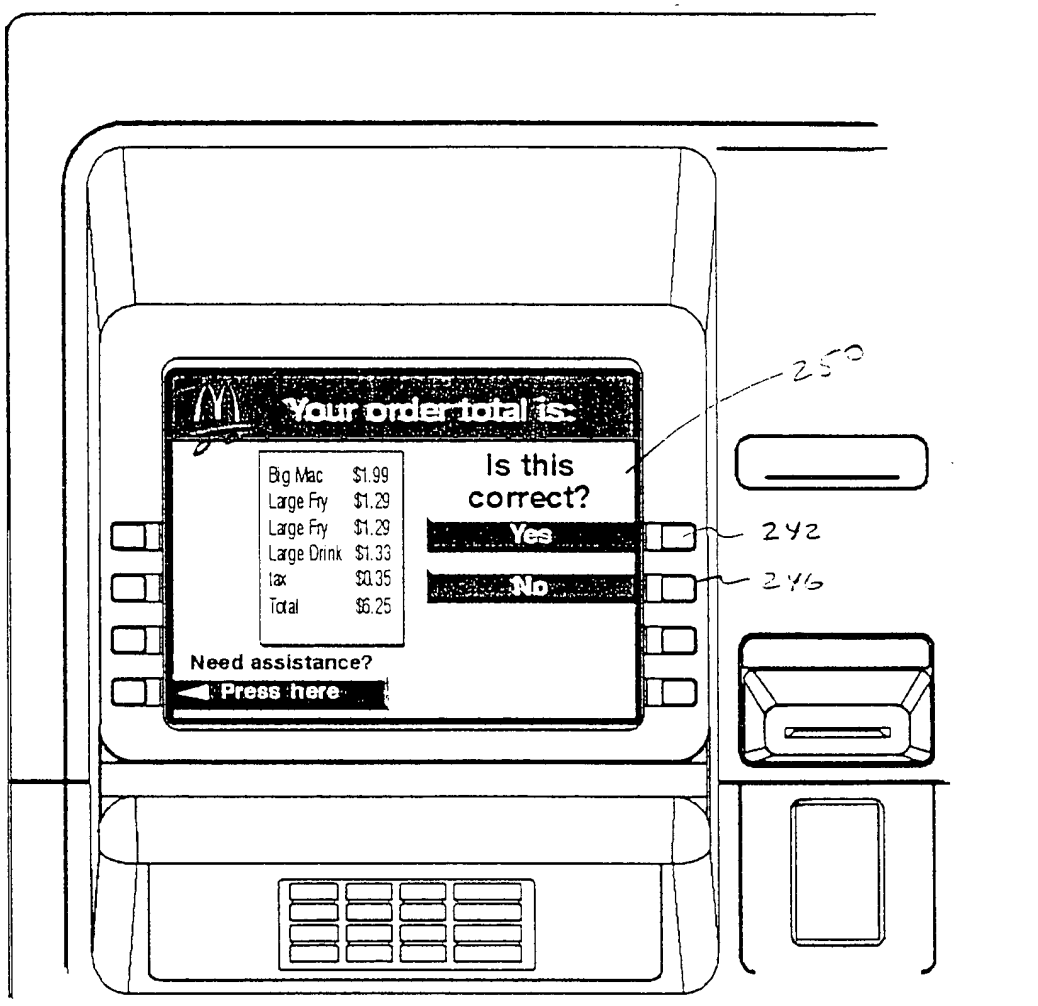

Your order total is:
Big Mac $1.99
Large Fry $1.29
Large Fry $1.29
Large Drink $1.33
Tax $0.35
Total $6.25
Is this correct?
Yes
No
Need assistance?
Press here
250
242
246
4 - Order total
212

FIG 43

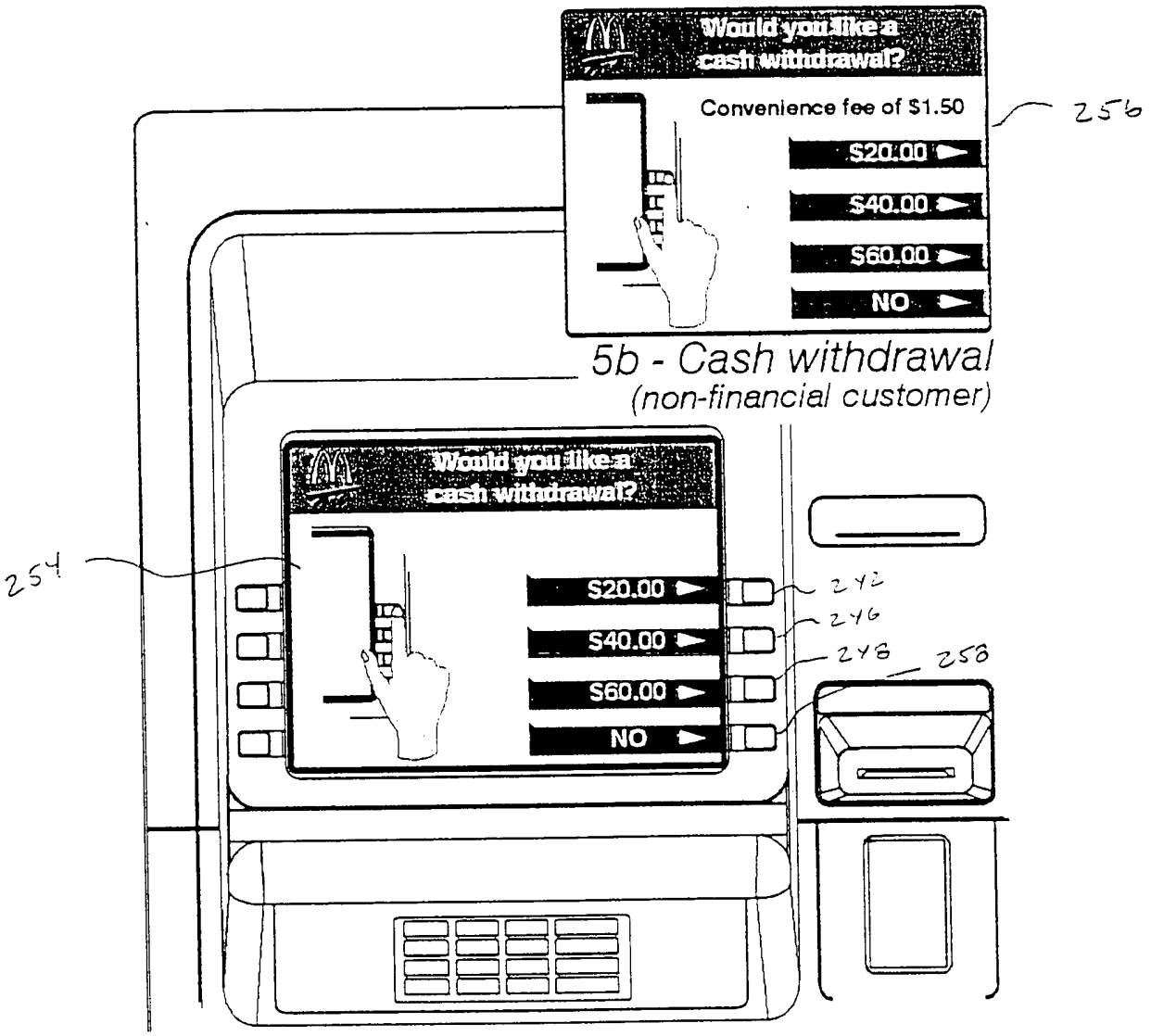
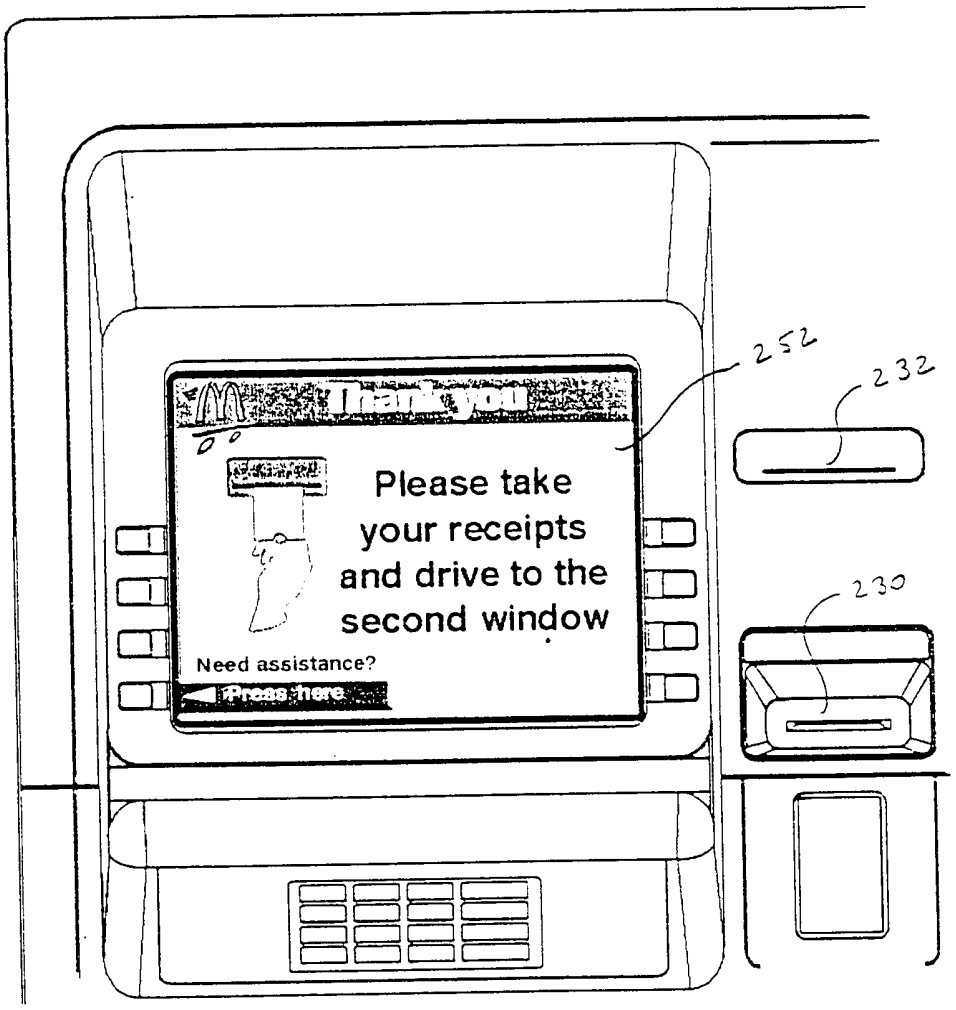

Would you like a cash withdrawal?
Convenience fee of $1.50
$20.00
$40.00
$60.00
NO
256
5b - Cash withdrawal
(non-financial customer)
Would you like a cash withdrawal?
$20.00
$40.00
$60.00
NO
254
242
246
248
258
5a - Cash withdrawal
(financial customer)

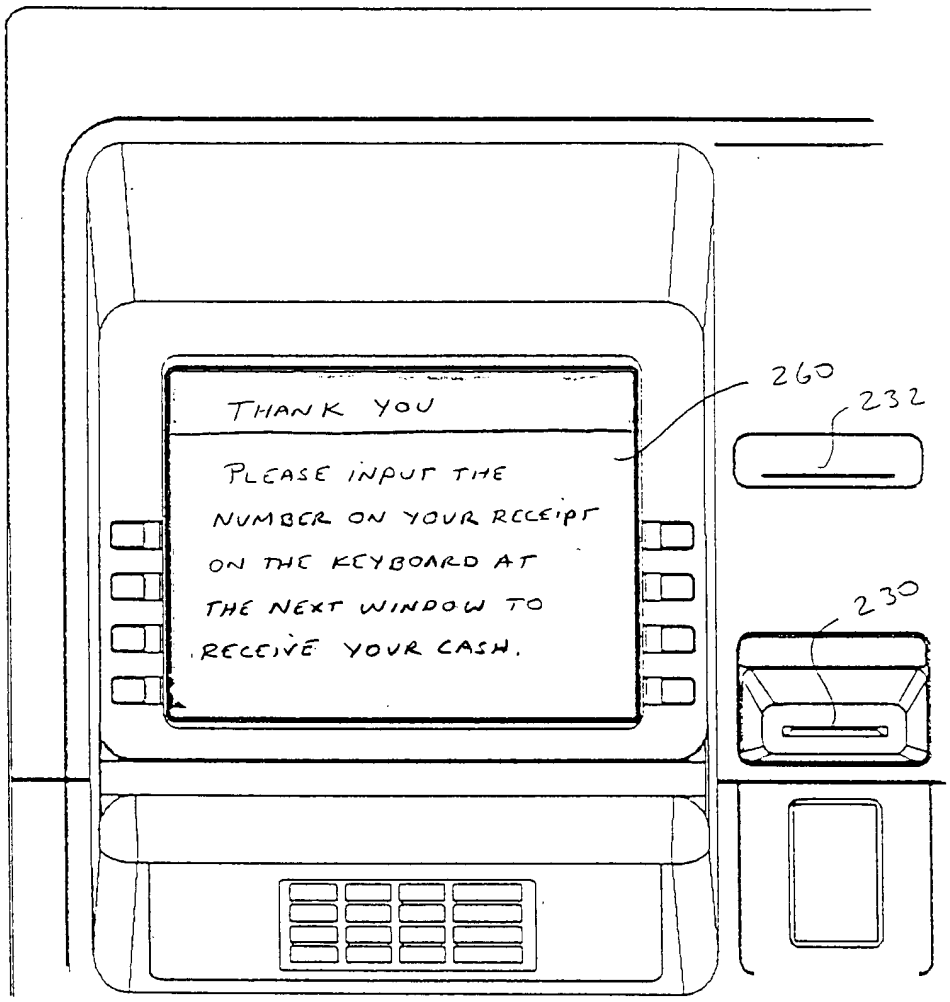
FIG 44

Sheet 5 of 5 - 20050184



6 - Thank You

FIG 45

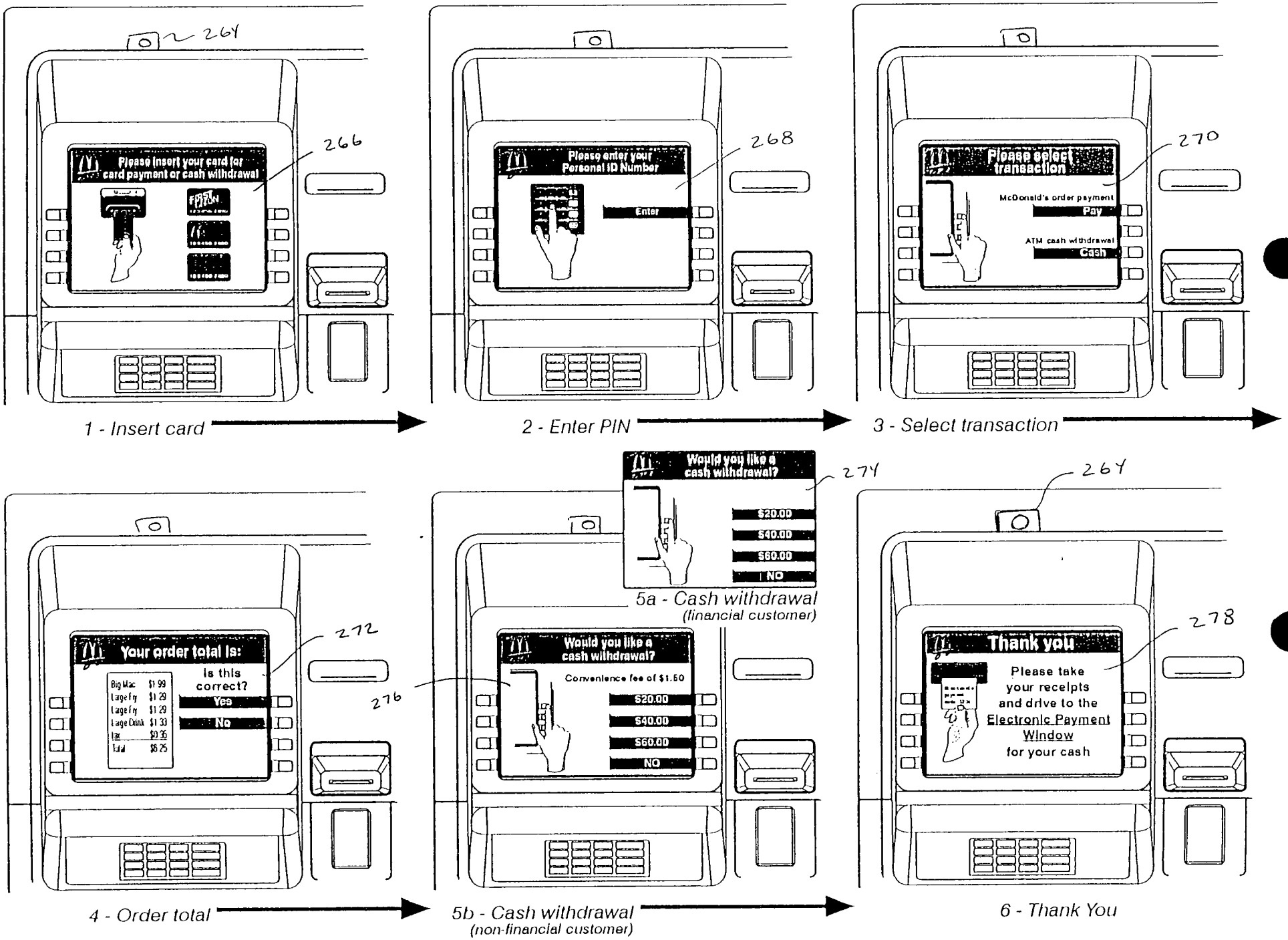


6 - Thank You

FIG 46

FIG 47

262


264
Please insert your card for card payment or cash withdrawal
266
1 - Insert card
Please enter your Personal ID Number
Enter
268
2 - Enter PIN
Please select transaction
McDonald's order payment
Pay
ATM cash withdrawal
Cash
270
3 - Select transaction
Your order total is:
Big Mac $1.99
Large fry $1.29
Large fry $1.29
Large Drink $1.33
Tax $0.35
Total $6.25
Is this correct?
Yes
No
272
4 - Order total
Would you like a cash withdrawal?
Convenience fee of $1.50
$20.00
$40.00
$60.00
NO
276
5b - Cash withdrawal
(non-financial customer)
Would you like a cash withdrawal?
$20.00
$40.00
$60.00
NO
274
5a - Cash withdrawal
(financial customer)
Thank you
Please take your receipts and drive to the Electronic Payment Window for your cash
278
6 - Thank You

6621777 2098760

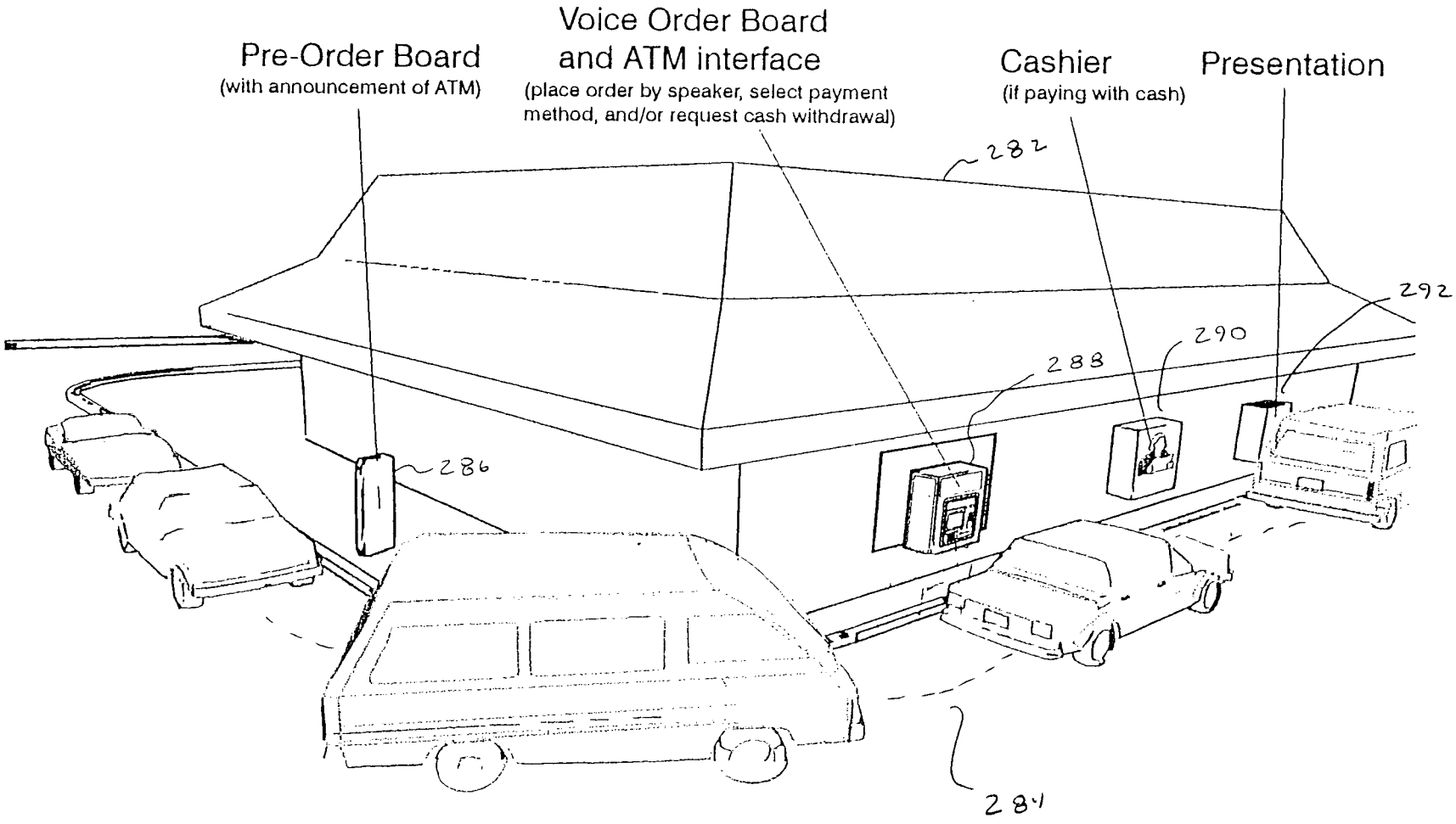


FIG 4B

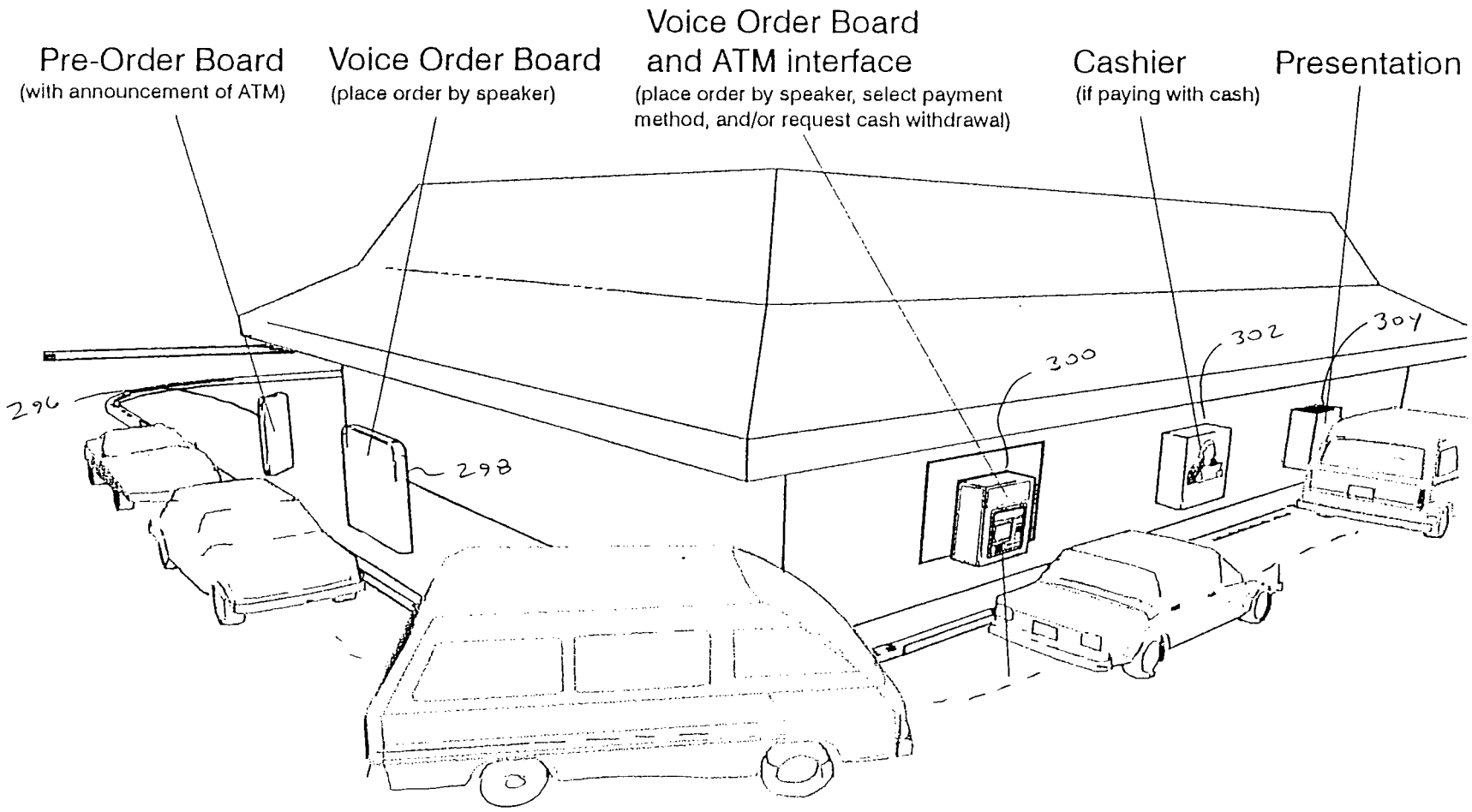

Pre-Order Board
(with announcement of ATM)
Voice Order Board
(place order by speaker)
Voice Order Board
and ATM interface
(place order by speaker, select payment method, and/or request cash withdrawal)
Cashier
(if paying with cash)
Presentation
296
298
300
302
304
294

FIG 49

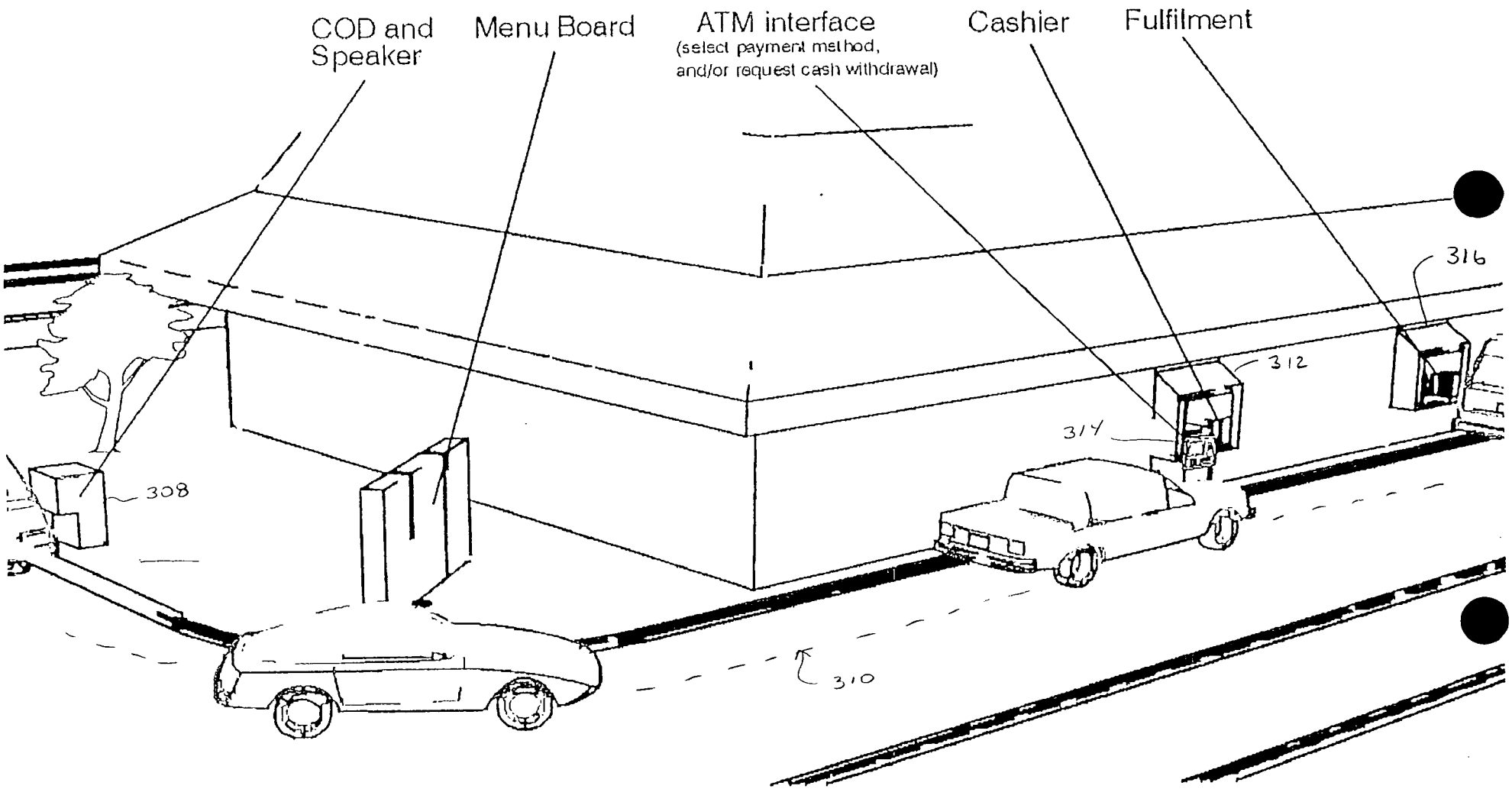

COD and Speaker
Menu Board
ATM interface
(select payment method, and/or request cash withdrawal)
Cashier
Fulfilment
316
312
314
308
310
306

FIG 50

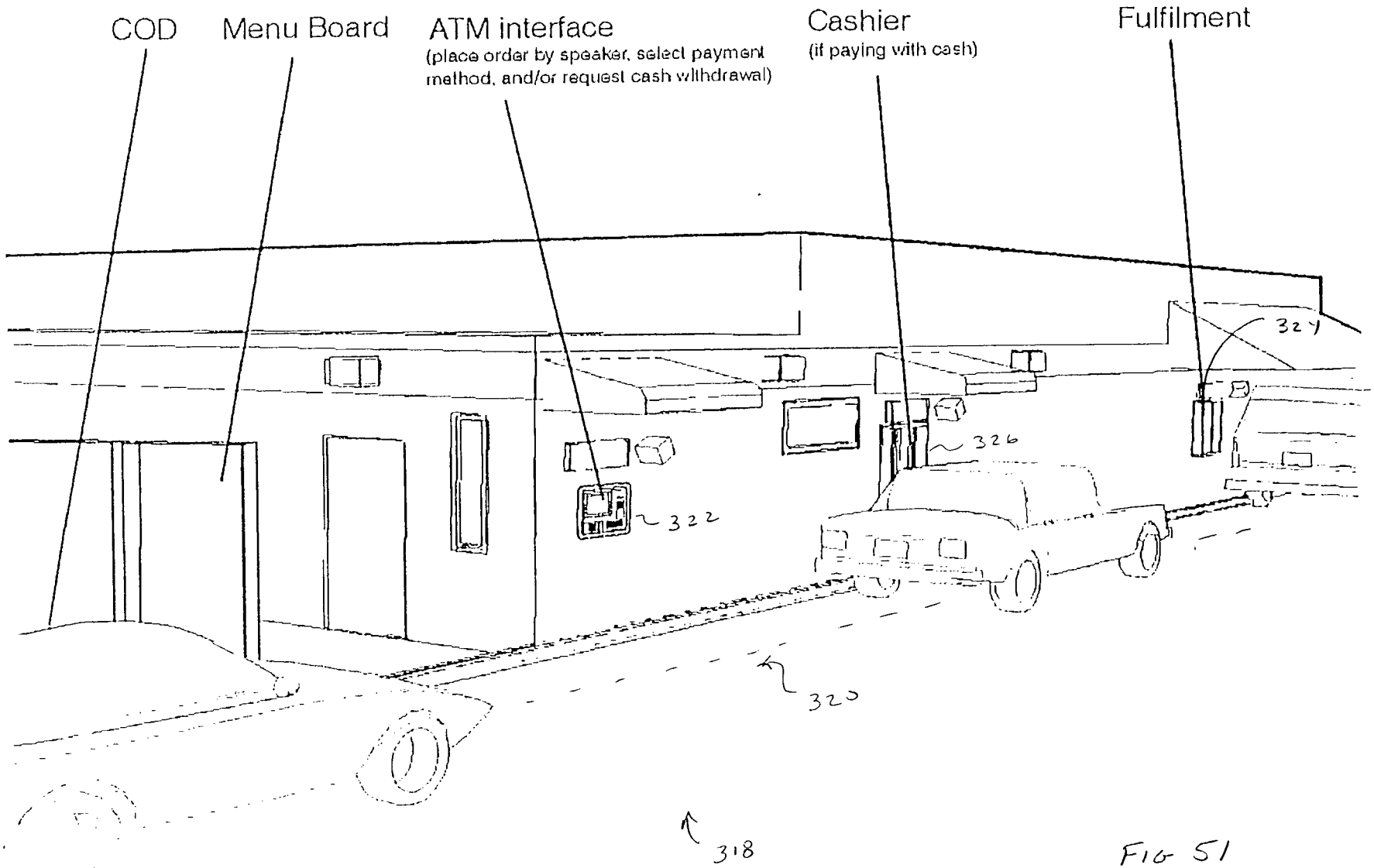

COD
Menu Board
ATM interface
(place order by speaker, select payment method, and/or request cash withdrawal)
Cashier
(if paying with cash)
Fulfilment
324
326
322
320
318

Fig 51

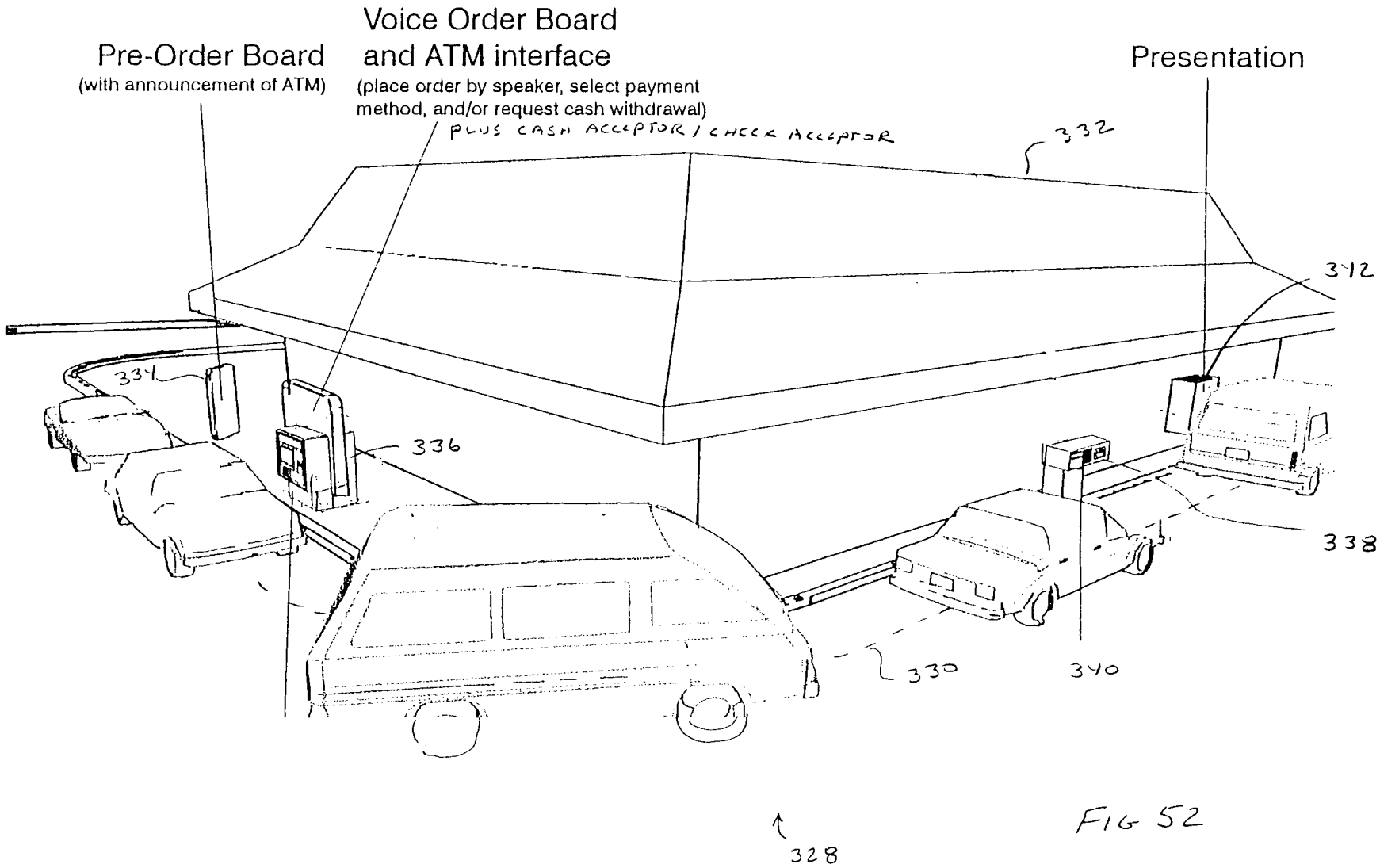

Pre-Order Board
(with announcement of ATM)
Voice Order Board
and ATM interface
(place order by speaker, select payment method, and/or request cash withdrawal)
PLUS CASH ACCEPTOR / CHECK ACCEPTOR
Presentation
332
312
334
336
338
330
340
328

FIG 52

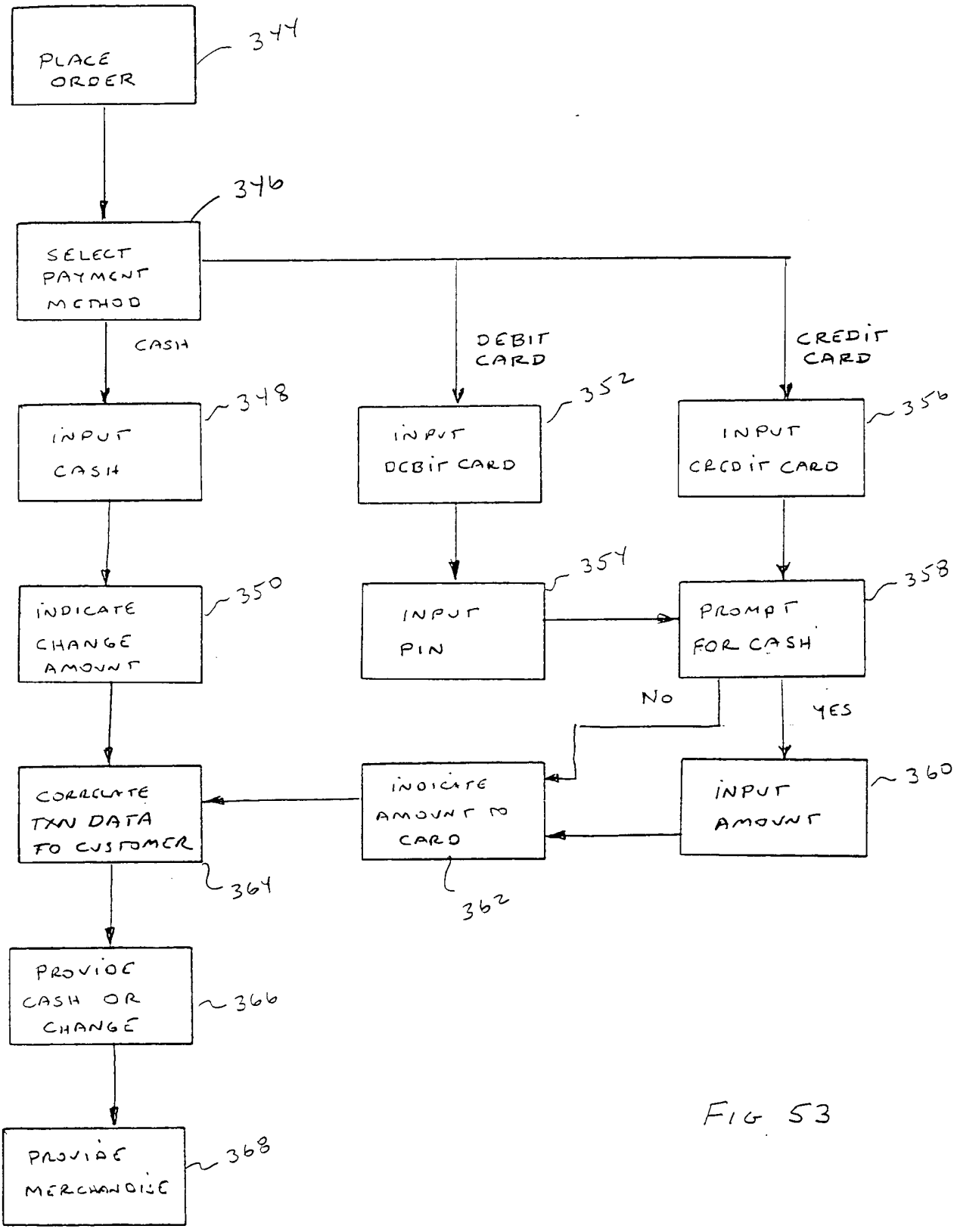
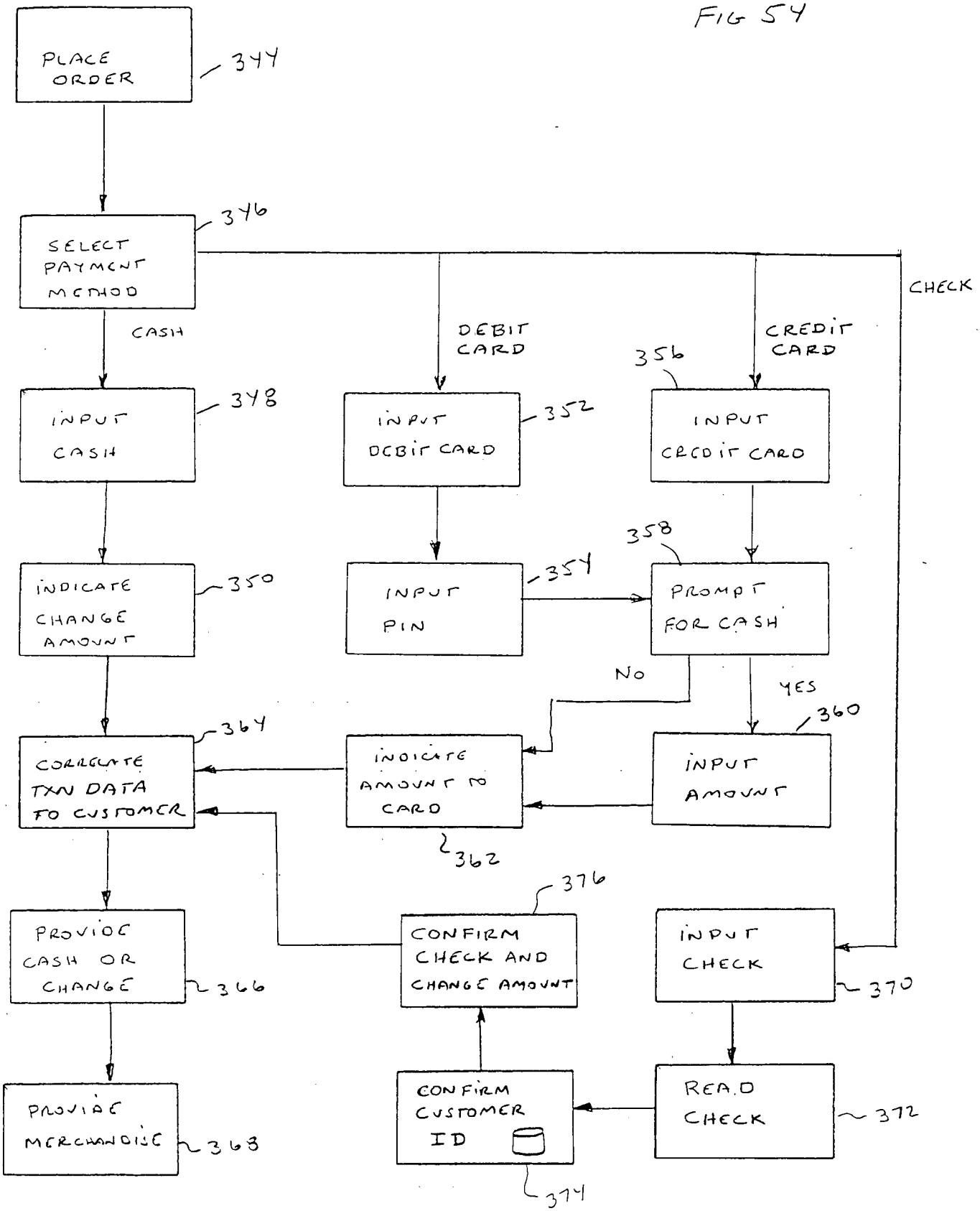
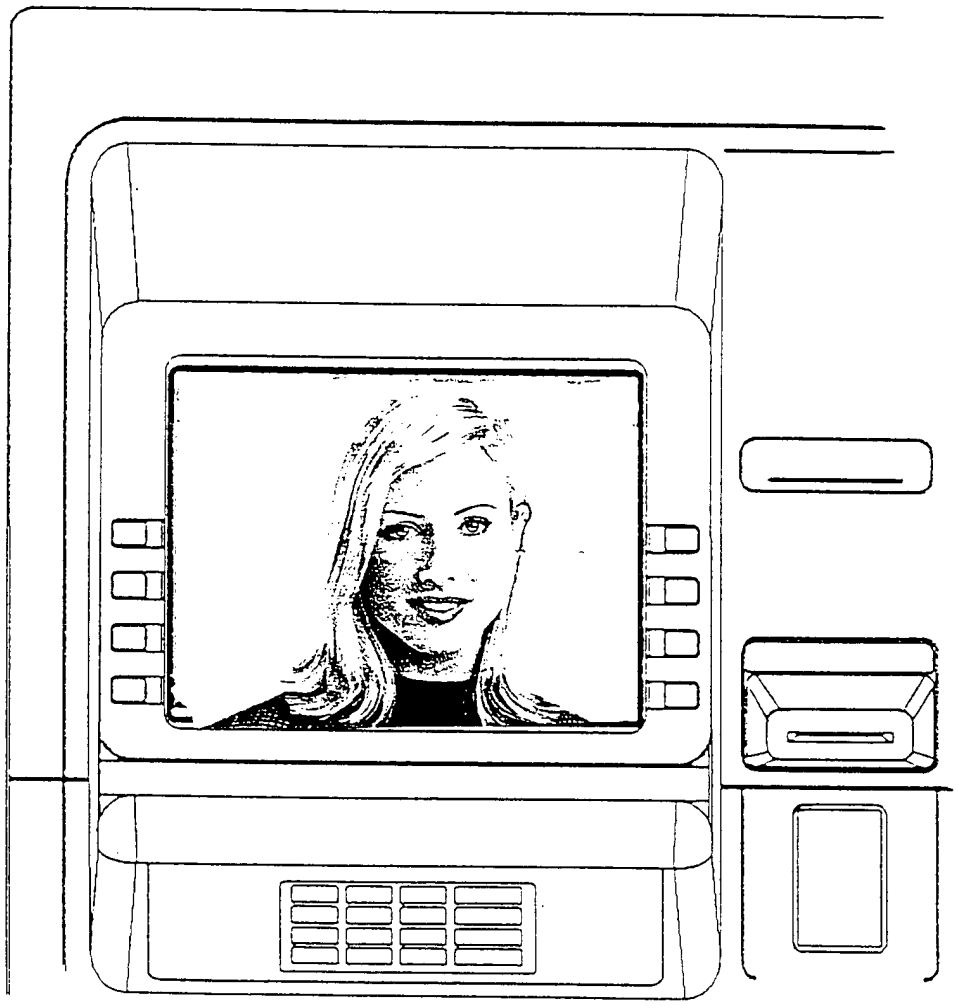

PLACE ORDER
344
SELECT PAYMENT METHOD
346
CASH
DEBIT CARD
CREDIT CARD
INPUT CASH
348
INPUT DEBIT CARD
352
INPUT CREDIT CARD
356
INDICATE CHANGE AMOUNT
350
INPUT PIN
354
PROMPT FOR CASH
358
No
YES
CORRELATE TXN DATA TO CUSTOMER
364
INDICATE AMOUNT TO CARD
362
INPUT AMOUNT
360
PROVIDE CASH OR CHANGE
366
PROVIDE MERCHANDISE
368

FIG 53

FIG 54


PLACE ORDER
344
SELECT PAYMENT METHOD
346
CASH
DEBIT CARD
CREDIT CARD
CHECK
356
INPUT CASH
348
INPUT DEBIT CARD
352
INPUT CREDIT CARD
INDICATE CHANGE AMOUNT
350
INPUT PIN
354
PROMPT FOR CASH
358
No
YES
360
CORRELATE TXN DATA TO CUSTOMER
364
INDICATE AMOUNT TO CARD
362
INPUT AMOUNT
376
PROVIDE CASH OR CHANGE
366
CONFIRM CHECK AND CHANGE AMOUNT
INPUT CHECK
370
PROVIDE MERCHANDISE
368
CONFIRM CUSTOMER ID
374
READ CHECK
372

Page 11 of 26 - 09/478,695



378

FIG 55

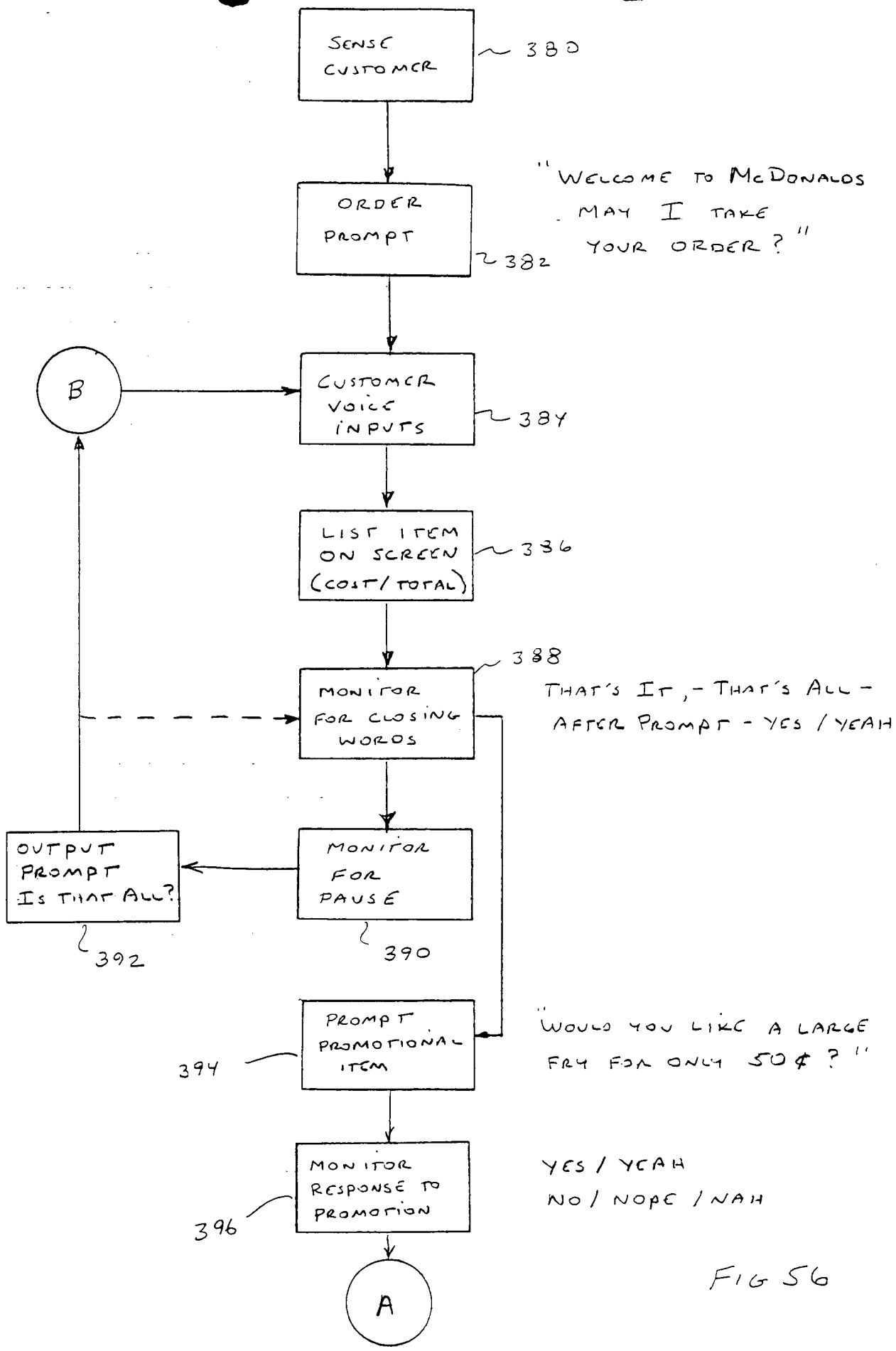

SENSE CUSTOMER
380
ORDER PROMPT
382
"WELCOME TO McDONALDS MAY I TAKE YOUR ORDER?"
B
CUSTOMER VOICE INPUTS
384
LIST ITEM ON SCREEN (COST/TOTAL)
386
388
MONITOR FOR CLOSING WORDS
THAT'S IT, - THAT'S ALL - AFTER PROMPT - YES / YEAH
OUTPUT PROMPT Is THAT ALL?
392
MONITOR FOR PAUSE
390
PROMPT PROMOTIONAL ITEM
394
"WOULD YOU LIKE A LARGE FRY FOR ONLY 50¢?"
MONITOR RESPONSE TO PROMOTION
396
YES / YEAH
NO / NOPE / NAH
A

FIG 56

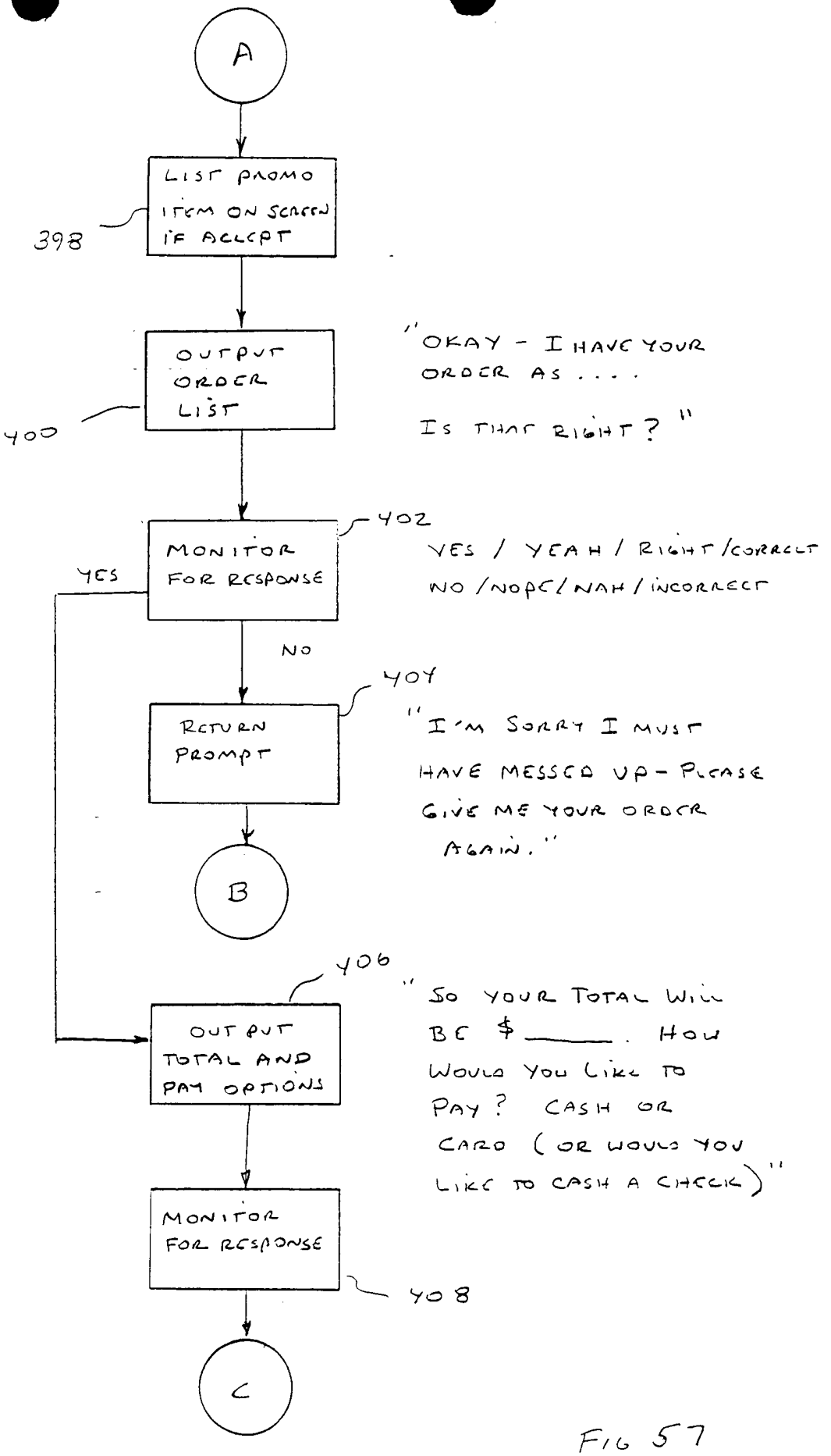

A
LIST PROMO ITEM ON SCREEN IF ACCEPT
398
OUTPUT ORDER LIST
400
"OKAY - I HAVE YOUR ORDER AS . . . . IS THAT RIGHT?"
MONITOR FOR RESPONSE
402
YES / YEAH / RIGHT / CORRECT
NO / NOPE / NAH / INCORRECT
YES
NO
RETURN PROMPT
404
"I'M SORRY I MUST HAVE MESSED UP - PLEASE GIVE ME YOUR ORDER AGAIN."
B
OUTPUT TOTAL AND PAY OPTIONS
406
"SO YOUR TOTAL WILL BE $_____. HOW WOULD YOU LIKE TO PAY? CASH OR CARD (OR WOULD YOU LIKE TO CASH A CHECK)"
MONITOR FOR RESPONSE
408
C

FIG 57

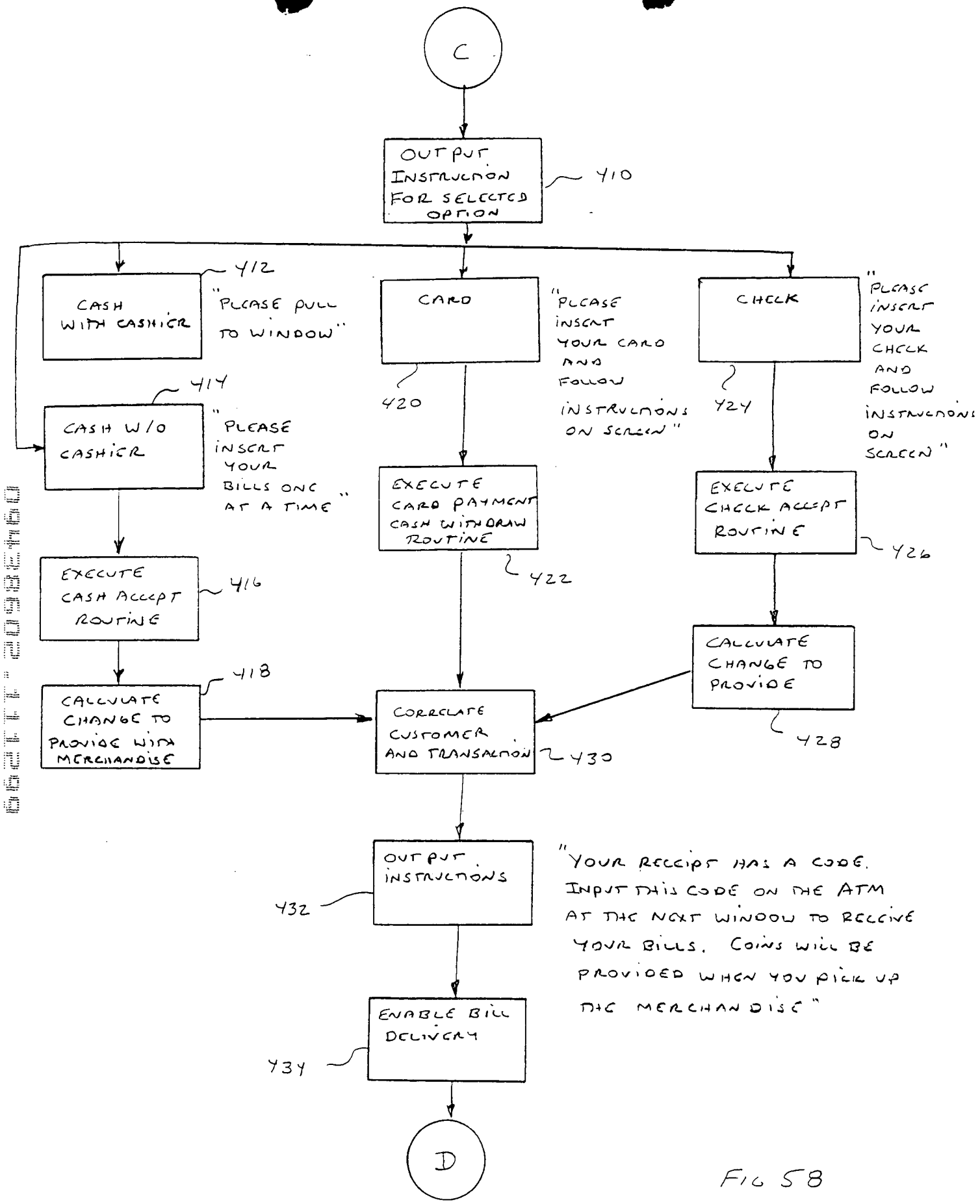

C
OUTPUT INSTRUCTION FOR SELECTED OPTION
410
CASH WITH CASHIER
412
"PLEASE PULL TO WINDOW"
CARD
"PLEASE INSERT YOUR CARD AND FOLLOW INSTRUCTIONS ON SCREEN"
420
CHECK
424
"PLEASE INSERT YOUR CHECK AND FOLLOW INSTRUCTIONS ON SCREEN"
CASH W/O CASHIER
414
"PLEASE INSERT YOUR BILLS ONE AT A TIME"
EXECUTE CARD PAYMENT CASH WITHDRAW ROUTINE
422
EXECUTE CHECK ACCEPT ROUTINE
426
EXECUTE CASH ACCEPT ROUTINE
416
CALCULATE CHANGE TO PROVIDE WITH MERCHANDISE
418
CALCULATE CHANGE TO PROVIDE
428
CORRELATE CUSTOMER AND TRANSACTION
430
OUTPUT INSTRUCTIONS
432
"YOUR RECEIPT HAS A CODE. INPUT THIS CODE ON THE ATM AT THE NEXT WINDOW TO RECEIVE YOUR BILLS. COINS WILL BE PROVIDED WHEN YOU PICK UP THE MERCHANDISE"
ENABLE BILL DELIVERY
434
D

FIG 58

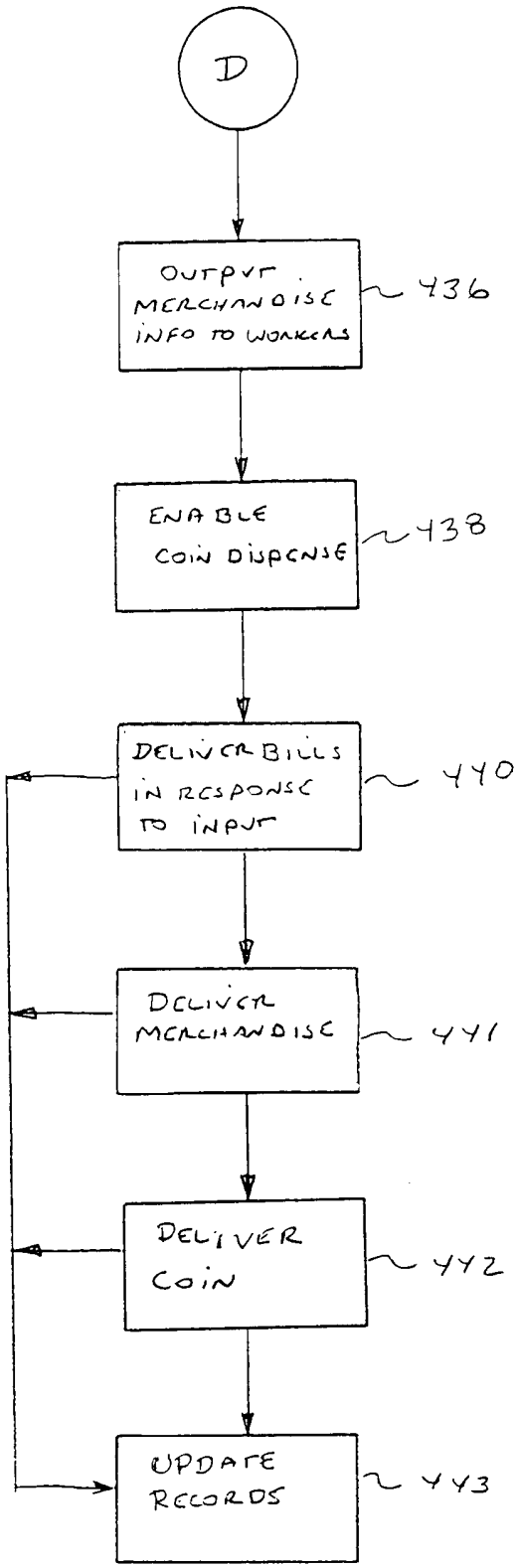

D
OUTPUT MERCHANDISE INFO TO WORKERS
436
ENABLE COIN DISPENSE
438
DELIVER BILLS IN RESPONSE TO INPUT
440
DELIVER MERCHANDISE
441
DELIVER COIN
442
UPDATE RECORDS
443

FIG 59